

Converting Colors

XYZ(65.7292, 75.9195,
104.9556)

Have a look what the booklet for
XYZ(65.7292, 75.9195, 104.9556)
contains.

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Color

**XYZ(65.7292, 75.9195,
104.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EBFE
RGB	177, 235, 254
RGB Percent	69%, 92%, 100%
CMY	0.3059, 0.0784, 0.0039
CMYK	0.30, 0.07, 0.00, 0.00
HSL	195°, 97%, 85%
HSV	195°, 30%, 100%
XYZ	65.7292, 75.9195, 104.9556
YIQ	219.8240, -40.6670, -6.3870

Conversions

Conversions Part 2

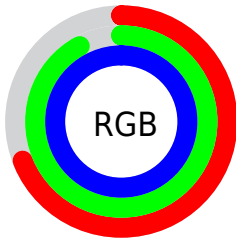
Format	Color
R _Y B	177, 210, 254
Decimal	11660286
CIE Lab	89.82, -13.97, -15.11
CIE LCh	90, 20.583, 227.249
Yxy	75.9195, 0.2665, 0.3079
Android (android.graphics.Color)	4289850366 (0xFFB1EBFE)
YUV	219.8240, 16.8488, -37.5566
Hunter-Lab	87.1318, -17.8264, -10.4262

Details

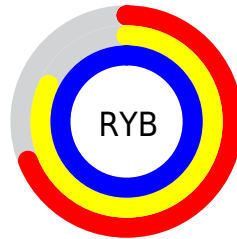
The XYZ color **65.7292, 75.9195, 104.9556** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.5499, 63.7259, 50.2842**, and the grayscale version is **67.8133, 71.3448, 77.6945**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **34.2242, 40.4090, 58.8192** is the 20% darker color. If you saturate the color by 10%, you get **58.7112, 69.6865, 104.1237**, and if you desaturate by 10%, it is **73.8918, 82.8401, 105.8625**.

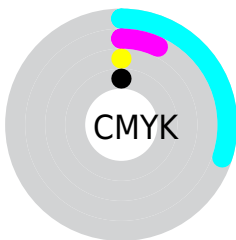
Distribution



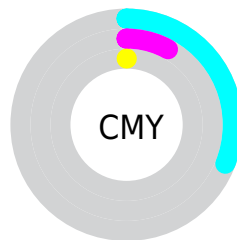
- Red (69%)
- Green (92%)
- Blue (100%)



- Red (69%)
- Yellow (82%)
- Blue (100%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7292, 75.9195, 104.9556 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 65.7292, 75.9195, 104.9556 by changing the saturation by 10% instead.

65.7292, 75.9195,
104.9556

65.7292, 75.9195,
104.9556

434.9117,
481.0721, 597.3485

48.3195, 56.3665,
79.8057

112.1575,
127.6131, 170.0619

34.2923, 40.4968,
59.0333

141.9067,
160.5225, 210.8553

23.2822, 27.9261,
42.2197

176.4999,
198.6528, 257.7003

14.9238, 18.2700,
28.9465

216.3023,
242.3885, 311.0155

8.8519, 11.1440,
18.7951

261.6794,
292.1138, 371.2194

4.7011, 6.1638,
11.3470

312.9964,

2.1059, 2.9449,

348.2133, 438.7305

6.1837

370.6187,
411.0712, 513.9673

■ 0.6924, 1.1030,
2.8865

■ 0.0000, 0.0000,
1.0370

■ 65.7292, 75.9195,
104.9556

■ 65.7292, 75.9195,
104.9556

■ 58.7112, 69.6865,
104.1237

■ 73.8918, 82.8401,
105.8625

■ 52.7703, 64.0999,
103.3585

■ 83.2479, 90.4688,
106.8419

■ 47.8426, 59.1274,
102.6584

■ 93.8519, 98.8366,
107.8981

■ 43.8539, 54.7301,
102.0199

■ 94.8896, 99.9359,
108.0556

■ 40.7197, 50.8631,
101.4387

■ 38.3388, 47.4734,
100.9099

■ 36.5932, 44.5630,
100.4401

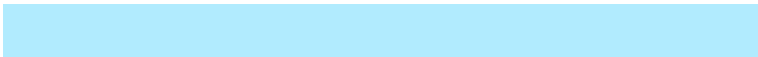
Harmonies

Analogous

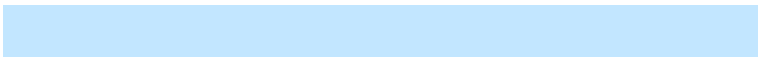
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.2262, 75.9195, 91.2397



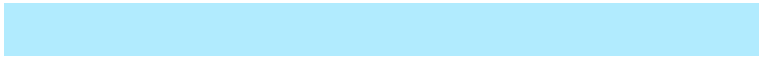
65.7292, 75.9195, 104.9556



70.0245, 75.9195, 113.0624

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.7292, 75.9195, 104.9556



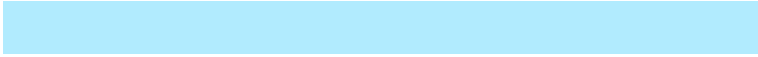
82.1124, 75.9195, 88.9933



69.3012, 75.9195, 58.7204

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.7292, 75.9195, 104.9556



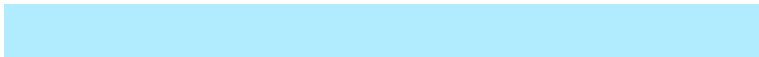
68.5499, 63.7259, 50.2842

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3368, 75.9195, 58.2692



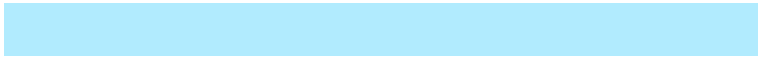
65.7292, 75.9195, 104.9556



81.8963, 75.9195, 74.6422

Square

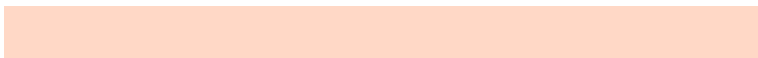
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.7292, 75.9195, 104.9556



79.5727, 75.9195, 103.1457



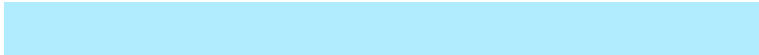
78.9955, 75.9195, 63.7749



65.2211, 75.9195, 65.0898

Rectangle

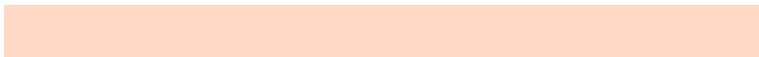
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.7292, 75.9195, 104.9556



73.3988, 75.9195, 113.6380



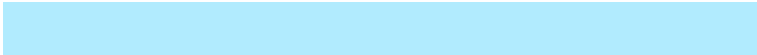
78.9955, 75.9195, 63.7749



70.9336, 75.9195, 57.9006

Sweetspot

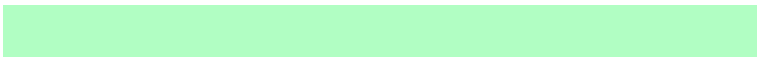
The Sweet Spot groups the original color and five complimentary colors.



65.7315, 75.9225, 104.9573



85.3251, 92.3445, 107.9349



63.4215, 84.1709, 64.5158



17.9474, 19.5129, 23.0704



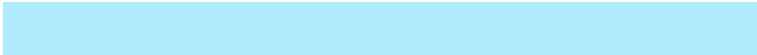
0.0000, 0.0000, 0.0000



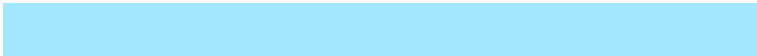
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.7315, 75.9225, 104.9573



62.1507, 72.9385, 105.4106



56.1102, 56.6800, 101.7503



18.1530, 19.6775, 23.0913



19.4145, 23.7385, 52.9933



1.9761, 2.4830, 5.1884

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71.5925, 58.5153, 86.1218



68.9881, 53.3716, 83.2711



78.0816, 82.7892, 53.4614



18.5899, 18.2193, 21.7233



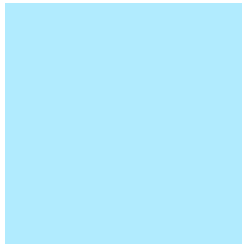
26.5877, 13.1244, 27.5431



2.6321, 1.2952, 2.9099

Previews

White Background



This preview shows how the XYZ color 65.7292, 75.9195, 104.9556 looks on a white background.

Color Contrast Check

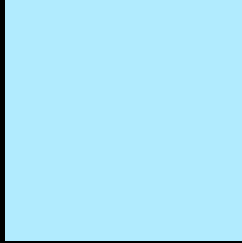
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 65.7292, 75.9195, 104.9556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

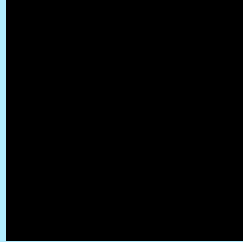
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.7292, 75.9195, 104.9556

Background



This preview shows how black text looks on a background with the XYZ color 65.7292, 75.9195, 104.9556.

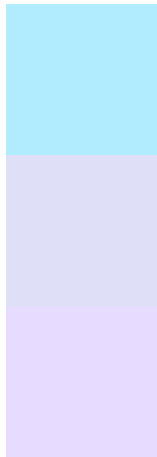


This preview shows how white text looks on a background with the XYZ color 65.7292, 75.9195,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

65.7292, 75.9195, 104.9556

Protanopia

73.8756, 75.7147, 98.7164

Deuteranopia

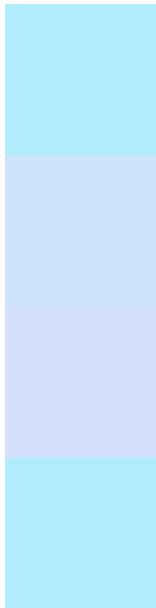
76.5982, 75.3953, 105.1233



Tritanopia

65.7292, 75.9195, 104.9556

Trichromacy



Original Color

65.7292, 75.9195, 104.9556

Protanomaly

70.4523, 75.5107, 101.3043

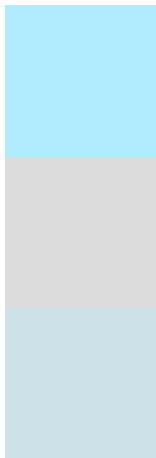
Deuteranomaly

71.8392, 74.9193, 105.2823

Tritanomaly

65.7292, 75.9195, 104.9556

Monochromacy



Original Color

65.7292, 75.9195, 104.9556

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.3925, 72.5140, 86.8413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7292, 75.9195, 104.9556 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(177, 235, 254)` looks like.

```
.text, #text, p{  
    color:rgb(177, 235, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(177, 235, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 235, 254) }
```

Border

The CSS property to change the border of an element to XYZ 65.7292, 75.9195, 104.9556 is called "border". The border property can be set on classes, ids or directly on the HTML element.

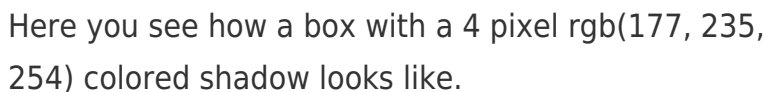
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 235, 254) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(177, 235, 254) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(177, 235, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 235, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 235, 254); box-shadow:4px 4px 4px 4px rgb(177, 235, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7292, 75.9195, 104.9556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 235, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(177,  
235, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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