

Converting Colors

XYZ(64.2950, 76.2695, 94.5530)

Have a look what the booklet for
XYZ(64.2950, 76.2695, 94.5530)
contains.

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Color

**XYZ(64.2928, 76.2664,
94.5514)**

Conversions

Conversions Part 1

Format	Color
Hex	B1EDF1
RGB	177, 237, 241
RGB Percent	69%, 93%, 95%
CMY	0.3059, 0.0706, 0.0549
CMYK	0.27, 0.02, 0.00, 0.05
HSL	184°, 70%, 82%
HSV	184°, 27%, 95%
XYZ	64.2928, 76.2664, 94.5514
YIQ	219.5160, -37.0440, -11.4760

Conversions

Conversions Part 2

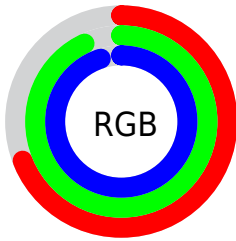
Format	Color
R _Y B	177, 208, 241
Decimal	11660785
CIE Lab	89.98, -17.91, -8.08
CIE LCh	90, 19.649, 204.282
Yxy	76.2664, 0.2735, 0.3244
Android (android.graphics.Color)	4289850865 (0xFFB1EDF1)
YUV	219.5160, 10.5916, -37.2865
Hunter-Lab	87.3306, -21.4169, -3.0608

Details

The XYZ color **64.2928, 76.2664, 94.5514** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.7361, 54.9231, 48.9965**, and the grayscale version is **67.6392, 71.1618, 77.4952**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **33.3069, 40.6881, 51.9971** is the 20% darker color. If you saturate the color by 10%, you get **58.8475, 72.8169, 94.1738**, and if you desaturate by 10%, it is **70.7157, 80.2291, 94.9790**.

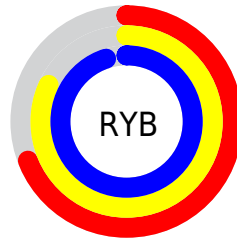
Distribution



Red (69%)

Green (93%)

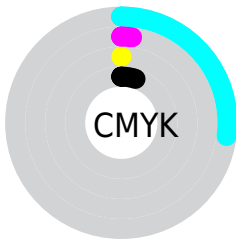
Blue (95%)



Red (69%)

Yellow (82%)

Blue (95%)

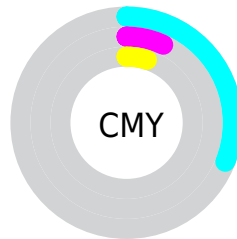


Cyan (27%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (31%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2928, 76.2664, 94.5514 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 64.2928, 76.2664, 94.5514 by changing the saturation by 10% instead.

64.2928, 76.2664,
94.5514

64.2928, 76.2664,
94.5514

429.8317,
482.2591, 563.6754

47.1504, 56.6510,
71.1668

110.1039,
128.1034, 155.6349

33.3630, 40.7251,
51.9957

139.5033,
161.0938, 194.1710

22.5653, 28.1043,
36.6194

173.7191,
199.3113, 238.5946

14.3918, 18.4043,
24.6195

213.1167,
243.1403, 289.3244

8.4772, 11.2407,
15.5774

258.0614,
292.9651, 346.7788

4.4561, 6.2289,
9.0745

308.9186,

1.9633, 2.9848,

349.1703, 411.3764

4.6923

366.0536,
412.1402, 483.5358

■ 0.6132, 1.1238,
2.0123

■ 0.0000, 0.0000,
0.5628

■ 64.2928, 76.2664,
94.5514

■ 64.2928, 76.2664,
94.5514

■ 58.8475, 72.8169,
94.1738

■ 70.7157, 80.2291,
94.9790

■ 54.3219, 69.8451,
93.8388

■ 78.1566, 84.7202,
95.4537

■ 50.6627, 67.3253,
93.5452

■ 86.6620, 89.7654,
95.9793

■ 47.8082, 65.2257,
93.2904

■ 89.1756, 91.7273,
96.2254

■ 45.6885, 63.5103,
93.0710

■ 89.6279, 92.6320,
96.3762

■ 44.2218, 62.1369,
92.8833

■ 90.0840, 93.5441,
96.5283

■ 43.3053, 61.0525,
92.7223

■ 90.5438, 94.4637,
96.6815

■ 43.0602, 60.7166,
92.6703

■ 91.0073, 95.3907,
96.8360

■ 91.4745, 96.3251,
96.9918

Harmonies

Analogous

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



63.5746, 76.2664, 80.4008



64.2928, 76.2664, 94.5514



67.1644, 76.2664, 106.7442

Triad

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



64.2928, 76.2664, 94.5514



80.3513, 76.2664, 99.6819



73.4248, 76.2664, 59.1368

Complementary

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



64.2928, 76.2664, 94.5514



60.7361, 54.9231, 48.9965

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.



78.0877, 76.2664, 63.1356



64.2928, 76.2664, 94.5514



82.1999, 76.2664, 85.7387

Square

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



64.2928, 76.2664, 94.5514



76.4038, 76.2664, 109.9306



81.3536, 76.2664, 72.5051



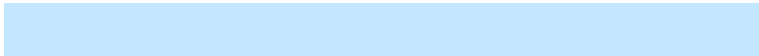
68.7101, 76.2664, 60.9384

Rectangle

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



64.2928, 76.2664, 94.5514



69.9845, 76.2664, 111.5884



81.3536, 76.2664, 72.5051



75.0524, 76.2664, 59.8320

Sweetspot

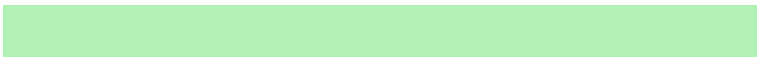
The Sweet Spot groups the original color and five complimentary colors.



64.2950, 76.2695, 94.5531



87.5339, 95.5240, 108.4322



57.8467, 75.5625, 54.8245



18.4520, 20.2756, 23.1910



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.



64.2950, 76.2695, 94.5531



69.5279, 84.4613, 107.2459



56.0332, 59.7458, 91.7992



16.1579, 17.7499, 20.2961



23.3878, 32.9998, 50.2648



1.9710, 2.7961, 4.1900

Inverse Universe

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



67.2856, 56.2611, 87.4375



73.5006, 58.1969, 97.7226



67.8063, 69.0636, 51.3532



16.4091, 16.0134, 19.7108



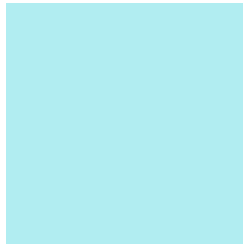
27.1307, 13.1247, 40.2004



2.2698, 1.0970, 3.4118

Previews

White Background



This preview shows how the XYZ color 64.2928, 76.2664, 94.5514 looks on a white background.

Color Contrast Check

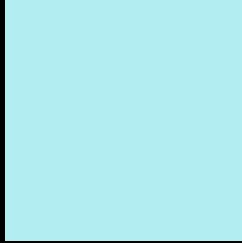
Large Text (above 18pt) WCAG AA × Fail

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 64.2928, 76.2664, 94.5514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

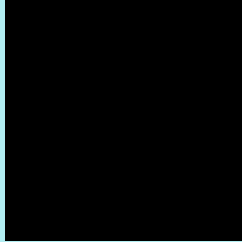
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.2928, 76.2664, 94.5514

Background



This preview shows how black text looks on a background with the XYZ color 64.2928, 76.2664, 94.5514.

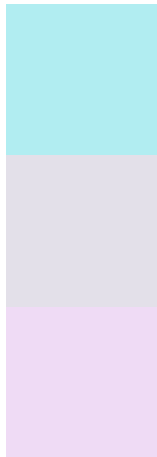


This preview shows how white text looks on a background with the XYZ color 64.2928, 76.2664,

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

64.2928, 76.2664, 94.5514

Protanopia

73.0422, 75.5254, 87.8189

Deuteranopia

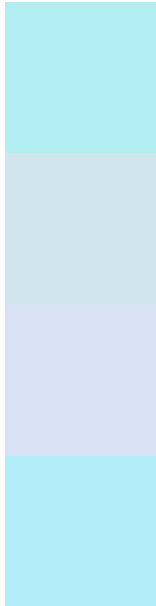
77.4096, 75.6063, 96.8998



Tritanopia

66.4201, 76.2757, 104.9879

Trichromacy



Original Color

64.2928, 76.2664, 94.5514

Protanomaly

69.4541, 75.6501, 90.2982

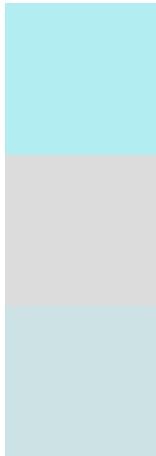
Deuteranomaly

71.8444, 75.5233, 96.3788

Tritanomaly

65.6847, 76.4142, 100.9100

Monochromacy



Original Color

64.2928, 76.2664, 94.5514

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

66.1018, 72.8315, 83.9727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2928, 76.2664, 94.5514 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, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(177, 237, 241)  
}
```

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, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 237, 241) }
```

Border

The CSS property to change the border of an element to XYZ 64.2928, 76.2664, 94.5514 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, 237, 241) }
```


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

```
.border{ border-color:rgb(177, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(177, 237,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2928, 76.2664, 94.5514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 237, 241) }
```

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

```
.background{ background-color: rgb(177,  
237, 241) }
```

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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