

Converting Colors

XYZ(70.8418, 74.7593,
121.8221)

Have a look what the booklet for
XYZ(70.8418, 74.7593, 121.8221)
contains.

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Color

**XYZ(67.7672, 73.6275,
105.2476)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E3FF
RGB	194, 227, 255
RGB Percent	76%, 89%, 100%
CMY	0.2392, 0.1098, 0.0000
CMYK	0.24, 0.11, 0.00, 0.00
HSL	208°, 100%, 88%
HSV	208°, 24%, 100%
XYZ	67.7672, 73.6275, 105.2476
YIQ	220.3250, -28.6560, 1.7120

Conversions

Conversions Part 2

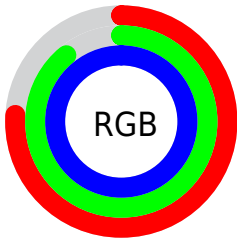
Format	Color
RYB	194, 215, 255
Decimal	12772351
CIELab	88.75, -4.81, -17.15
CIELCh	89, 17.814, 254.330
Yxy	73.6275, 0.2748, 0.2985
Android (android.graphics.Color)	4290962431 (0xFFC2E3FF)
YUV	220.3250, 17.0948, -23.0870
Hunter-Lab	85.8065, -9.1877, -12.6588

Details

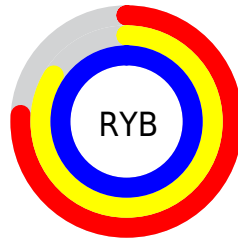
The XYZ color **67.7672, 73.6275, 105.2476** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.0988, 77.3968, 61.9162**, and the grayscale version is **68.1548, 71.7041, 78.0858**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **35.5930, 39.0712, 59.0916** is the 20% darker color. If you saturate the color by 10%, you get **58.6829, 64.3544, 103.9365**, and if you desaturate by 10%, it is **78.1961, 83.9204, 106.6846**.

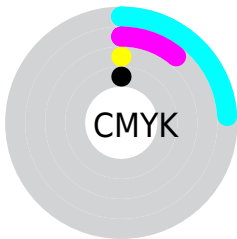
Distribution



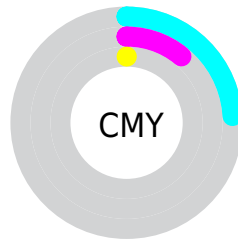
- Red (76%)
- Green (89%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7672, 73.6275, 105.2476 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 67.7672, 73.6275, 105.2476 by changing the saturation by 10% instead.

67.7672, 73.6275,
105.2476

67.7672, 73.6275,
105.2476

442.0604,
473.1867, 598.2789

49.9813, 54.4892,
80.0490

115.0628,
124.3676, 170.4646

35.6163, 38.9929,
59.2323

145.3032,
156.7382, 211.3201

24.3067, 26.7542,
42.3789

180.4259,
194.2884, 258.2317

15.6873, 17.3887,
29.0703

220.7962,
237.4026, 311.6178

9.3926, 10.5120,
18.8880

266.7794,
286.4651, 371.8970

5.0573, 5.7397,
11.4134

318.7410,

2.3160, 2.6875,

341.8604, 439.4879

6.2279

377.0462,
403.9728, 514.8090

■ 0.8028, 0.9708,
2.9131

■ 0.0000, 0.0000,
1.0505

■ 67.7672, 73.6275,
105.2476

■ 67.7672, 73.6275,
105.2476

■ 58.6829, 64.3544,
103.9365

■ 78.1961, 83.9204,
106.6846

■ 50.8755, 56.0545,
102.7459

■ 90.0209, 95.2604,
108.2502

■ 44.2802, 48.6895,
101.6719

95.0500, 100.0000,
108.9000

■ 38.8236, 42.2149,
100.7098

■ 34.4235, 36.5811,
99.8543

■ 30.9849, 31.7321,
99.0996

■ 28.3929, 27.6010,
98.4388

■ 27.1334, 25.3867,
98.0778

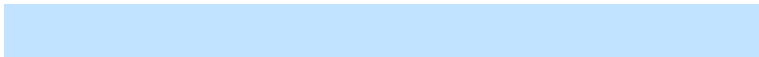
Harmonies

Analogous

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



64.2210, 73.6275, 97.9146



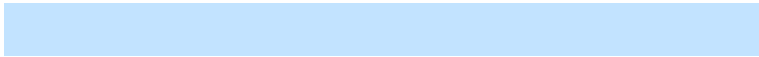
67.7672, 73.6275, 105.2476



72.0511, 73.6275, 105.4197

Triad

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



67.7672, 73.6275, 105.2476



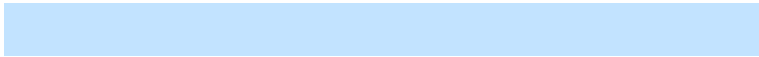
78.3172, 73.6275, 74.4382



64.3504, 73.6275, 64.3672

Complementary

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



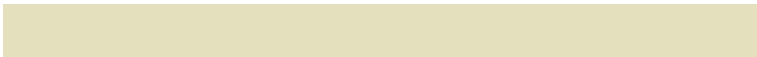
67.7672, 73.6275, 105.2476



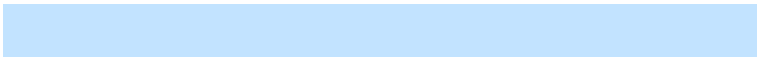
77.0988, 77.3968, 61.9162

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.



67.9504, 73.6275, 59.3094



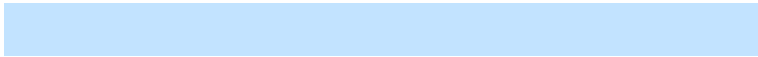
67.7672, 73.6275, 105.2476



76.0749, 73.6275, 64.7065

Square

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



67.7672, 73.6275, 105.2476



78.2632, 73.6275, 86.7475



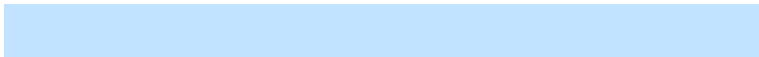
72.2419, 73.6275, 59.4268



62.3042, 73.6275, 73.9296

Rectangle

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



67.7672, 73.6275, 105.2476



74.7571, 73.6275, 101.3977



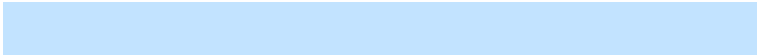
72.2419, 73.6275, 59.4268



65.4123, 73.6275, 62.1296

Sweetspot

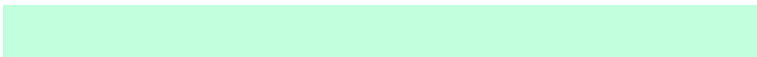
The Sweet Spot groups the original color and five complimentary colors.



67.7692, 73.6304, 105.2480



86.2271, 91.6542, 107.7541



71.1203, 88.2343, 82.0050



18.3004, 19.4690, 23.0433



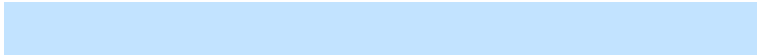
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



67.7692, 73.6304, 105.2480



62.9900, 68.7942, 104.5664



60.2771, 58.6462, 102.7506



17.8173, 19.0061, 22.9794



14.3290, 13.5675, 51.2982



1.5045, 1.5397, 5.0312

Inverse Universe

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



74.3982, 65.3912, 81.3769



70.8331, 59.5517, 76.2096



85.7727, 94.7447, 64.8075



18.4204, 18.1515, 20.8310



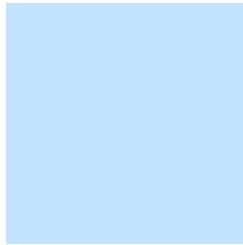
24.0208, 12.0976, 14.0259



2.3940, 1.2000, 1.6562

Previews

White Background



This preview shows how the XYZ color 67.7672, 73.6275, 105.2476 looks on a white background.

Color Contrast Check

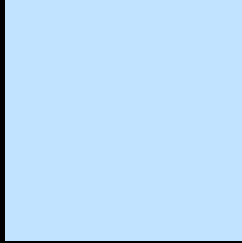
Large Text (above 18pt) WCAG AA × Fail

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 67.7672, 73.6275, 105.2476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

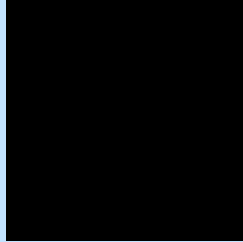
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

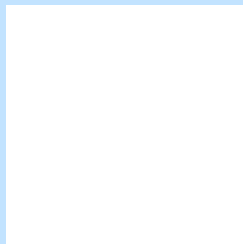
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7672, 73.6275, 105.2476

Background



This preview shows how black text looks on a background with the XYZ color 67.7672, 73.6275, 105.2476.



This preview shows how white text looks on a background with the XYZ color 67.7672, 73.6275,

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

67.7672, 73.6275, 105.2476

Protanopia

72.1825, 73.5834, 101.6654

Deuteranopia

74.5414, 73.1766, 104.8035



Tritanopia

66.2701, 73.4087, 98.6722

Trichromacy



Original Color

67.7672, 73.6275, 105.2476

Protanomaly

70.2529, 73.3589, 102.5524

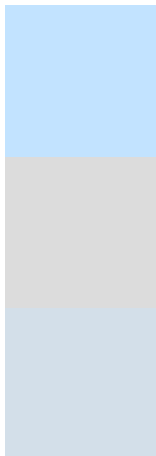
Deuteranomaly

71.9308, 73.3800, 104.9803

Tritanomaly

66.9910, 73.7264, 101.1423

Monochromacy



Original Color

67.7672, 73.6275, 105.2476

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.9596, 72.5074, 87.5043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7672, 73.6275, 105.2476 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(194, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 255)  
}
```

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(194, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.7672, 73.6275, 105.2476 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(194, 227, 255) }
```


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

```
.border{ border-color:rgb(194, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7672, 73.6275, 105.2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 255) }
```

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

```
.background{ background-color: rgb(194,  
227, 255) }
```

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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