

Converting Colors

XYZ(64.1721, 69.3750, 96.2370)

Have a look what the booklet for
XYZ(64.1721, 69.3750, 96.2370)
contains.

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Color

**XYZ(64.3302, 69.6429,
96.4381)**

Conversions

Conversions Part 1

Format	Color
Hex	C1DDF5
RGB	193, 221, 245
RGB Percent	76%, 87%, 96%
CMY	0.2431, 0.1333, 0.0392
CMYK	0.21, 0.10, 0.00, 0.04
HSL	208°, 72%, 86%
HSV	208°, 21%, 96%
XYZ	64.3302, 69.6429, 96.4381
YIQ	215.3640, -24.3920, 1.5280

Conversions

Conversions Part 2

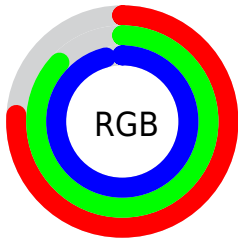
Format	Color
RYB	193, 211, 245
Decimal	12705269
CIELab	86.82, -4.20, -14.79
CIELCh	87, 15.376, 254.155
Yxy	69.6429, 0.2792, 0.3023
Android (android.graphics.Color)	4290895349 (0xFFC1DDF5)
YUV	215.3640, 14.6105, -19.6132
Hunter-Lab	83.4523, -8.4427, -10.0993

Details

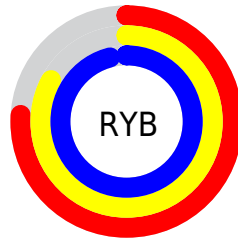
The XYZ color **64.3302, 69.6429, 96.4381** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.0954, 72.8887, 60.7228**, and the grayscale version is **64.7555, 68.1279, 74.1912**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **33.4690, 36.4355, 53.4129** is the 20% darker color. If you saturate the color by 10%, you get **55.7094, 60.9169, 95.2093**, and if you desaturate by 10%, it is **74.1909, 79.3101, 97.7855**.

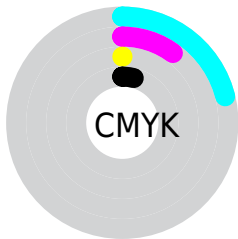
Distribution



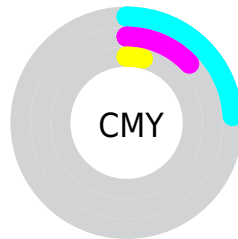
- Red (76%)
- Green (87%)
- Blue (96%)



- Red (76%)
- Yellow (83%)
- Blue (96%)



- Cyan (21%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3302, 69.6429, 96.4381 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 64.3302, 69.6429, 96.4381 by changing the saturation by 10% instead.

■ 64.3302, 69.6429,
96.4381

■ 64.3302, 69.6429,
96.4381

429.9644,
459.2952, 569.8602

■ 47.1808, 51.2355,
72.7290

■ 110.1574,
118.6994, 158.2625

■ 33.3872, 36.3960,
53.2639

139.5660,
150.1172, 197.2149

■ 22.5839, 24.7402,
37.6243

173.7917,
186.6406, 242.0855

■ 14.4055, 15.8836,
25.3917

213.1999,
228.6540, 293.2929

■ 8.4869, 9.4418,
16.1474

258.1559,
276.5417, 351.2555

■ 4.4624, 5.0305,
9.4731

309.0251,

■ 1.9669, 2.2652,

330.6882, 416.3919

4.9500

366.1728,
391.4779, 489.1206

■ 0.6153, 0.7552,
2.1597

■ 0.0000, 0.0000,
0.6510

■ 64.3302, 69.6429,
96.4381

■ 64.3302, 69.6429,
96.4381

■ 55.7094, 60.9169,
95.2093

■ 74.1909, 79.3101,
97.7855

■ 48.2673, 53.0894,
94.0907

■ 85.3364, 89.9420,
99.2502

■ 41.9468, 46.1268,
93.0799

■ 93.4575, 99.3244,
100.6332

■ 36.6830, 39.9893,
92.1727

■ 93.4817, 99.3727,
100.6412

■ 32.4038, 34.6334,
91.3644

■ 29.0267, 30.0100,
90.6500

■ 26.4535, 26.0614,
90.0235

■ 24.7241, 23.0776,
89.5387

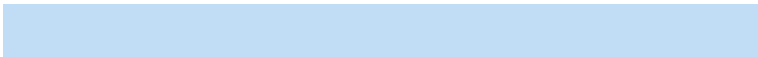
Harmonies

Analogous

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



61.3726, 69.6429, 90.4209



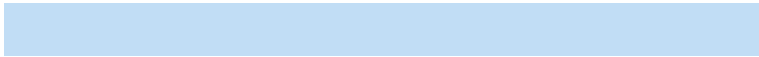
64.3302, 69.6429, 96.4381



67.8926, 69.6429, 96.6150

Triad

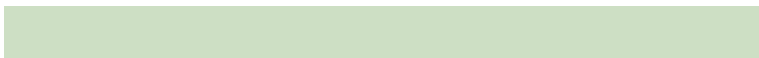
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3302, 69.6429, 96.4381



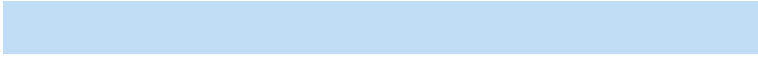
73.1010, 69.6429, 71.1058



61.5094, 69.6429, 62.5359

Complementary

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



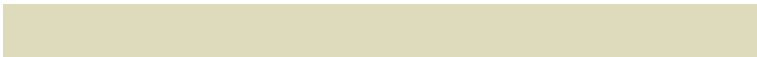
64.3302, 69.6429, 96.4381



72.0954, 72.8887, 60.7228

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.



64.5230, 69.6429, 58.2615



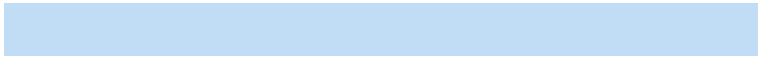
64.3302, 69.6429, 96.4381



71.2604, 69.6429, 62.8985

Square

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



64.3302, 69.6429, 96.4381



73.0448, 69.6429, 81.3450



68.0924, 69.6429, 58.3879



59.7846, 69.6429, 70.5687

Rectangle

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



64.3302, 69.6429, 96.4381



70.1373, 69.6429, 93.3568



68.0924, 69.6429, 58.3879



62.4004, 69.6429, 60.6455

Sweetspot

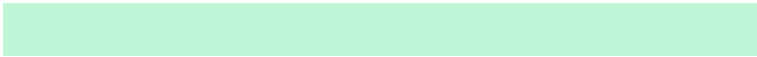
The Sweet Spot groups the original color and five complimentary colors.



64.3323, 69.6457, 96.4397



87.4321, 92.7902, 107.9099



67.0926, 81.6222, 77.4572



18.5433, 19.6980, 23.0747



0.0000, 0.0000, 0.0000



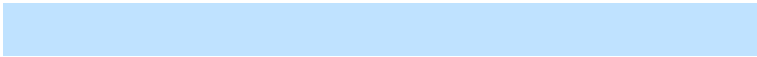
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3323, 69.6457, 96.4397



66.6810, 72.4933, 105.0859



58.1251, 57.2313, 94.3706



16.3204, 17.4051, 21.0419



13.4594, 12.7126, 48.2824



1.2857, 1.3229, 4.2778

Inverse Universe

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



69.7790, 62.7746, 76.8487



73.5952, 64.0987, 80.1430



79.1544, 87.0067, 63.0758



16.8723, 16.6318, 19.0741



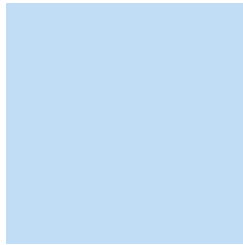
22.5982, 11.3827, 13.1244



2.0380, 1.0212, 1.4267

Previews

White Background



This preview shows how the XYZ color 64.3302, 69.6429, 96.4381 looks on a white background.

Color Contrast Check

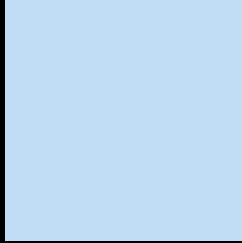
Large Text (above 18pt) WCAG AA × Fail

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 64.3302, 69.6429, 96.4381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

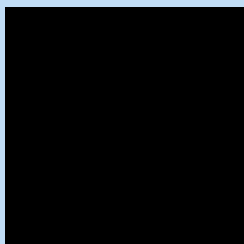
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

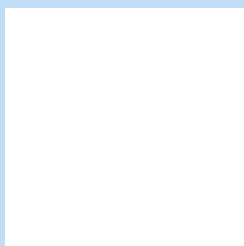
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3302, 69.6429, 96.4381

Background



This preview shows how black text looks on a background with the XYZ color 64.3302, 69.6429, 96.4381.



This preview shows how white text looks on a background with the XYZ color 64.3302, 69.6429,

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

64.3302, 69.6429, 96.4381

Protanopia

67.9092, 69.2479, 93.0061

Deuteranopia

70.8232, 69.1512, 97.6104



Tritanopia

63.5877, 69.7403, 92.5479

Trichromacy



Original Color

64.3302, 69.6429, 96.4381

Protanomaly

66.2935, 69.1583, 93.8593

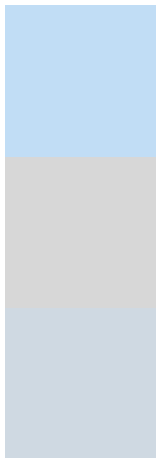
Deuteranomaly

68.3756, 69.4008, 96.9807

Tritanomaly

63.8865, 69.8598, 94.1215

Monochromacy



Original Color

64.3302, 69.6429, 96.4381

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2724, 68.3821, 81.7630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3302, 69.6429, 96.4381 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(193, 221, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 221, 245)  
}
```

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(193, 221, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 221, 245) }
```

Border

The CSS property to change the border of an element to XYZ 64.3302, 69.6429, 96.4381 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(193, 221, 245) }
```


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

```
.border{ border-color:rgb(193, 221, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 221, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 221, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 221, 245);  
box-shadow:4px 4px 4px 4px rgb(193, 221,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3302, 69.6429, 96.4381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 221, 245) }
```

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

```
.background{ background-color: rgb(193,  
221, 245) }
```

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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