

Converting Colors

XYZ(62.6499, 65.1683, 91.7195)

Have a look what the booklet for
XYZ(62.6499, 65.1683, 91.7195)
contains.

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Color

**XYZ(62.5756, 65.0219,
91.6905)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D3F0
RGB	199, 211, 240
RGB Percent	78%, 83%, 94%
CMY	0.2196, 0.1725, 0.0588
CMYK	0.17, 0.12, 0.00, 0.06
HSL	222°, 58%, 86%
HSV	222°, 17%, 94%
XYZ	62.5756, 65.0219, 91.6905
YIQ	210.7180, -16.4610, 6.4750

Conversions

Conversions Part 2

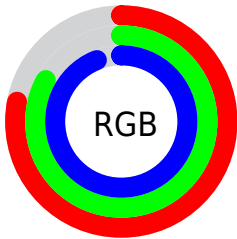
Format	Color
R _{YB}	199, 208, 240
Decimal	13095920
CIE Lab	84.50, 1.80, -15.60
CIE LCh	84, 15.701, 276.588
Yxy	65.0219, 0.2854, 0.2965
Android (android.graphics.Color)	4291286000 (0xFFC7D3F0)
YUV	210.7180, 14.4360, -10.2767
Hunter-Lab	80.6362, -2.5930, -10.9727

Details

The XYZ color **62.5756, 65.0219, 91.6905** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.9879, 78.1354, 65.2163**, and the grayscale version is **61.6480, 64.8585, 70.6309**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3858, 33.5944, 50.1249** is the 20% darker color. If you saturate the color by 10%, you get **52.7066, 54.0026, 90.0848**, and if you desaturate by 10%, it is **73.8981, 77.4548, 93.4946**.

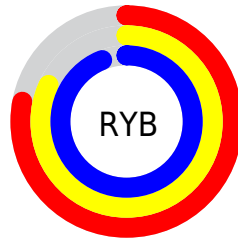
Distribution



Red (78%)

Green (83%)

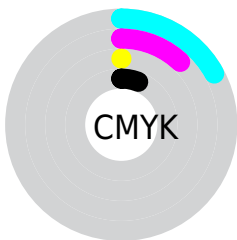
Blue (94%)



Red (78%)

Yellow (82%)

Blue (94%)

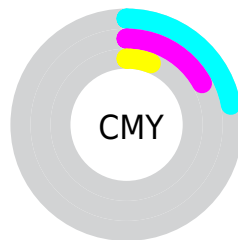


Cyan (17%)

Magenta (12%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5756, 65.0219, 91.6905 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 62.5756, 65.0219, 91.6905 by changing the saturation by 10% instead.

■ 62.5756, 65.0219,
91.6905

■ 62.5756, 65.0219,
91.6905

423.7118,
442.8707, 554.2261

■ 45.7553, 47.4788,
68.8020

107.6423,
112.0813, 151.6403

■ 32.2566, 33.4144,
50.0797

136.6193,
142.3665, 189.5387

■ 21.7141, 22.4441,
35.1051

170.3794,
177.6678, 233.2775

■ 13.7624, 14.1835,
23.4597

209.2878,
218.3697, 283.2752

■ 8.0362, 8.2484,
14.7248

253.7099,
264.8565, 339.9504

■ 4.1701, 4.2543,
8.4820

304.0110,

■ 1.7988, 1.8168,

317.5127, 403.7216

4.3127

360.5565,
376.7226, 475.0073

■ 0.5170, 0.4976,
1.7984

■ 0.0000, 0.0000,
0.4269

■ 62.5756, 65.0219,
91.6905

■ 62.5756, 65.0219,
91.6905

■ 52.7066, 54.0026,
90.0848

■ 73.8981, 77.4548,
93.4946

■ 44.2245, 44.3373,
88.6662

■ 86.7252, 91.3423,
95.4991

■ 37.0661, 35.9736,
87.4292

■ 92.7284, 99.0714,
96.6745

■ 31.1607, 28.8523,
86.3659

■ 26.4309, 22.9096,
85.4681

■ 22.7897, 18.0749,
84.7268

■ 20.1367, 14.2691,
84.1320

■ 18.3464, 11.3973,
83.6721

■ 17.9348, 10.7042,
83.5600

Harmonies

Analogous

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



59.1693, 65.0219, 89.9697



62.5756, 65.0219, 91.6905



65.8943, 65.0219, 87.4038

Triad

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



62.5756, 65.0219, 91.6905



67.3561, 65.0219, 59.9341



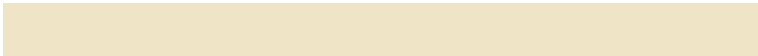
55.8370, 65.0219, 63.4222

Complementary

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



62.5756, 65.0219, 91.6905



73.9879, 78.1354, 65.2163

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.



57.8815, 65.0219, 56.4408



62.5756, 65.0219, 91.6905



64.5103, 65.0219, 54.5635

Square

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



62.5756, 65.0219, 91.6905



68.7208, 65.0219, 68.6125



61.0335, 65.0219, 53.3475



55.3628, 65.0219, 73.0290

Rectangle

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



62.5756, 65.0219, 91.6905



67.5826, 65.0219, 81.9339



61.0335, 65.0219, 53.3475



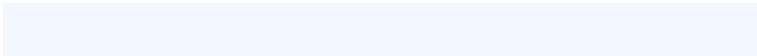
56.3596, 65.0219, 60.7194

Sweetspot

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



62.5776, 65.0246, 91.6920



87.7043, 92.0424, 107.7512



68.6765, 80.0483, 85.0131



18.5589, 19.4688, 23.0296



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.



62.5776, 65.0246, 91.6920



68.2651, 70.6839, 104.6531



61.9410, 60.4338, 90.8394



15.2743, 15.9827, 20.0015



9.9173, 6.0589, 45.7747



0.9079, 0.6697, 3.8356

Inverse Universe

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



68.1180, 64.0768, 70.4089



75.6098, 69.5565, 76.4102



74.6839, 83.5672, 66.2280



15.9631, 15.8350, 17.3621



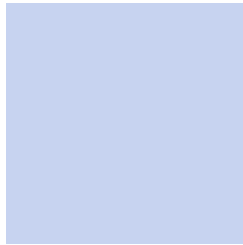
20.3314, 10.4050, 4.3959



1.7332, 0.8823, 0.5859

Previews

White Background



This preview shows how the XYZ color 62.5756, 65.0219, 91.6905 looks on a white background.

Color Contrast Check

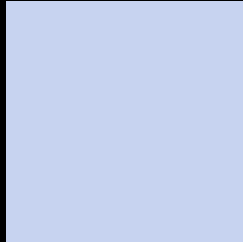
Large Text (above 18pt) WCAG AA × Fail

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 62.5756, 65.0219, 91.6905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

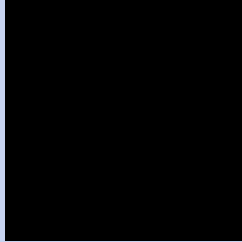
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.5756, 65.0219, 91.6905

Background



This preview shows how black text looks on a background with the XYZ color 62.5756, 65.0219, 91.6905.



This preview shows how white text looks on a background with the XYZ color 62.5756, 65.0219,

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

62.5756, 65.0219, 91.6905

Protanopia

63.8341, 64.9547, 90.8345

Deuteranopia

66.3238, 64.7652, 92.2244



Tritanopia

61.1031, 65.1720, 84.2219

Trichromacy



Original Color

62.5756, 65.0219, 91.6905

Protanomaly

63.2552, 65.0217, 90.8779

Deuteranomaly

64.7683, 64.6782, 92.2896

Tritanomaly

61.6835, 65.0332, 87.1435

Monochromacy



Original Color

62.5756, 65.0219, 91.6905

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.2112, 65.1279, 78.3993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5756, 65.0219, 91.6905 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(199, 211, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 211, 240)  
}
```

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(199, 211, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 211, 240) }
```

Border

The CSS property to change the border of an element to XYZ 62.5756, 65.0219, 91.6905 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(199, 211, 240) }
```


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

```
.border{ border-color:rgb(199, 211, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 211, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 211, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 211, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 211,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5756, 65.0219, 91.6905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 211, 240) }
```

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

```
.background{ background-color: rgb(199,  
211, 240) }
```

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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