

Converting Colors

XYZ(61.6642, 65.1478, 91.5293)

Have a look what the booklet for
XYZ(61.6642, 65.1478, 91.5293)
contains.

XYZ(61.7706, 65.3491, 91.7961)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.7706, 65.3491,
91.7961)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5F0
RGB	194, 213, 240
RGB Percent	76%, 84%, 94%
CMY	0.2392, 0.1647, 0.0588
CMYK	0.19, 0.11, 0.00, 0.06
HSL	215°, 61%, 85%
HSV	215°, 19%, 94%
XYZ	61.7706, 65.3491, 91.7961
YIQ	210.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

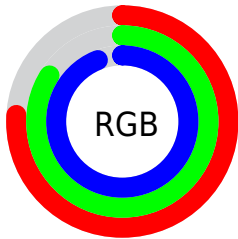
Format	Color
R_{YB}	194, 207, 240
Decimal	12768752
CIE _{Lab}	84.66, -0.80, -15.38
CIE _{LCh}	85, 15.401, 267.033
Yxy	65.3491, 0.2822, 0.2985
Android (android.graphics.Color)	4290958832 (0xFFC2D5F0)
YUV	210.3970, 14.5943, -14.3802
Hunter-Lab	80.8388, -5.0723, -10.7393

Details

The XYZ color **61.7706, 65.3491, 91.7961** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.5299, 74.1334, 61.5797**, and the grayscale version is **61.4375, 64.6370, 70.3897**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.6938, 33.4899, 50.1411** is the 20% darker color. If you saturate the color by 10%, you get **52.7112, 55.6471, 90.4020**, and if you desaturate by 10%, it is **72.1365, 76.1848, 93.3423**.

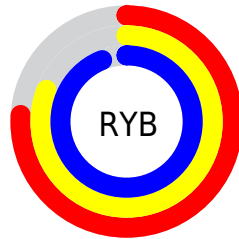
Distribution



Red (76%)

Green (84%)

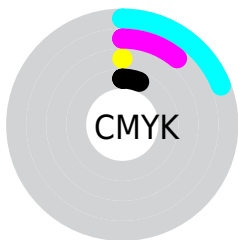
Blue (94%)



Red (76%)

Yellow (81%)

Blue (94%)

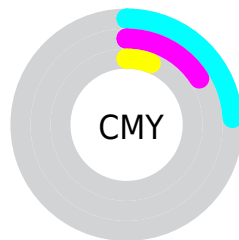


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7706, 65.3491, 91.7961 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 61.7706, 65.3491, 91.7961 by changing the saturation by 10% instead.

■ 61.7706, 65.3491,
91.7961

■ 61.7706, 65.3491,
91.7961

420.8247,
444.0454, 554.5765

■ 45.1023, 47.7442,
68.8892

■ 106.4857,
112.5516, 151.7880

■ 31.7396, 33.6244,
50.1503

135.2632,
142.9180, 189.7101

■ 21.3173, 22.6052,
35.1608

168.8078,
178.3070, 233.4743

■ 13.4699, 14.3022,
23.5022

207.4849,
219.1031, 283.4992

■ 7.8321, 8.3312,
14.7560

251.6597,
265.6906, 340.2033

■ 4.0386, 4.3076,
8.5036

301.6978,

■ 1.7240, 1.8471,

318.4538, 404.0052

4.3265

357.9643,
377.7773, 475.3234

■ 0.4712, 0.5163,
1.8061

■ 0.0000, 0.0000,
0.4320

■ 61.7706, 65.3491,
91.7961

■ 61.7706, 65.3491,
91.7961

■ 52.7112, 55.6471,
90.4020

■ 72.1365, 76.1848,
93.3423

■ 44.8969, 47.0305,
89.1507

■ 83.8548, 88.1841,
95.0408

■ 38.2699, 39.4594,
88.0386

■ 92.7284, 99.0714,
96.6746

■ 32.7653, 32.8875,
87.0602

■ 28.3114, 27.2649,
86.2097

■ 24.8270, 22.5358,
85.4805

■ 22.2173, 18.6368,
84.8655

■ 20.3411, 15.4796,
84.3550

■ 20.2038, 15.2421,
84.3164

Harmonies

Analogous

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



58.5824, 65.3491, 88.2582



61.7706, 65.3491, 91.7961



65.1671, 65.3491, 89.3950

Triad

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



61.7706, 65.3491, 91.7961



68.1919, 65.3491, 62.8877



56.7271, 65.3491, 61.3364

Complementary

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



61.7706, 65.3491, 91.7961



71.5299, 74.1334, 61.5797

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.



59.1546, 65.3491, 55.5803



61.7706, 65.3491, 91.7961



65.7813, 65.3491, 56.4161

Square

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



61.7706, 65.3491, 91.7961



68.9543, 65.3491, 72.1391



62.4554, 65.3491, 53.8646



55.7387, 65.3491, 70.1780

Rectangle

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



61.7706, 65.3491, 91.7961



67.0788, 65.3491, 84.8609



62.4554, 65.3491, 53.8646



57.3973, 65.3491, 59.0089

Sweetspot

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



61.7726, 65.3518, 91.7976



86.8454, 91.6167, 107.7143



66.4385, 79.0024, 80.0389



18.4047, 19.4208, 23.0285



0.0000, 0.0000, 0.0000



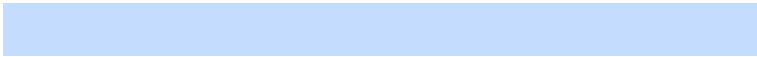
20.3446, 21.4041, 23.3091

Same Dimension

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



61.7726, 65.3518, 91.7976



66.6512, 70.4930, 104.7014



58.2663, 56.8596, 90.3432



15.4336, 16.3013, 20.0546



11.1835, 8.5913, 46.1967



1.0261, 0.9062, 3.8751

Inverse Universe

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



67.2389, 61.9146, 71.3606



74.0539, 66.0959, 76.9668



75.5464, 84.0779, 63.2875



16.0436, 15.8671, 17.7856



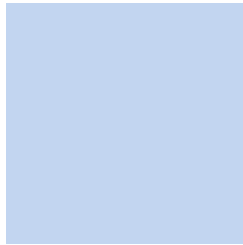
20.9706, 10.6606, 7.7615



1.7929, 0.9062, 0.9002

Previews

White Background



This preview shows how the XYZ color 61.7706, 65.3491, 91.7961 looks on a white background.

Color Contrast Check

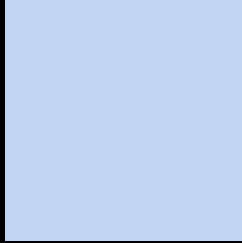
Large Text (above 18pt) WCAG AA × Fail

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 61.7706, 65.3491, 91.7961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

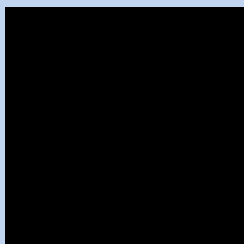
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7706, 65.3491, 91.7961

Background



This preview shows how black text looks on a background with the XYZ color 61.7706, 65.3491, 91.7961.



This preview shows how white text looks on a background with the XYZ color 61.7706, 65.3491,

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

61.7706, 65.3491, 91.7961

Protanopia

63.9652, 65.0394, 90.0714

Deuteranopia

66.5638, 65.2452, 92.3044



Tritanopia

60.2086, 65.0691, 84.9876

Trichromacy



Original Color

61.7706, 65.3491, 91.7961

Protanomaly

62.9837, 64.8817, 90.8652

Deuteranomaly

64.9721, 65.5071, 92.4388

Tritanomaly

60.8902, 65.3711, 87.2505

Monochromacy



Original Color

61.7706, 65.3491, 91.7961

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2473, 64.6464, 77.6565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7706, 65.3491, 91.7961 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, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 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(194, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.7706, 65.3491, 91.7961 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, 213, 240) }
```


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

```
.border{ border-color:rgb(194, 213, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7706, 65.3491, 91.7961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 240) }
```

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

```
.background{ background-color: rgb(194,  
213, 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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