

Converting Colors

XYZ(61.5081, 63.8839, 92.8599)

Have a look what the booklet for
XYZ(61.5081, 63.8839, 92.8599)
contains.

XYZ(61.3332, 63.6138, 93.0505)	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(61.3332, 63.6138,
93.0505)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D1F2
RGB	195, 209, 242
RGB Percent	76%, 82%, 95%
CMY	0.2353, 0.1804, 0.0510
CMYK	0.19, 0.14, 0.00, 0.05
HSL	222°, 64%, 86%
HSV	222°, 19%, 95%
XYZ	61.3332, 63.6138, 93.0505
YIQ	208.5760, -18.9370, 7.2950

Conversions

Conversions Part 2

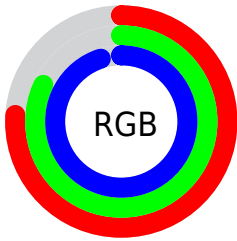
Format	Color
R _{YB}	195, 206, 242
Decimal	12833266
CIE Lab	83.76, 2.05, -17.79
CIE LCh	84, 17.905, 276.585
Yxy	63.6138, 0.2813, 0.2918
Android (android.graphics.Color)	4291023346 (0xFFC3D1F2)
YUV	208.5760, 16.4780, -11.9062
Hunter-Lab	79.7583, -2.3125, -13.3403

Details

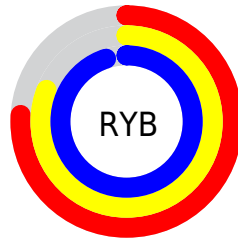
The XYZ color **61.3332, 63.6138, 93.0505** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2124, 78.3045, 62.8343**, and the grayscale version is **60.2348, 63.3717, 69.0118**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **31.5688, 32.6506, 51.0927** is the 20% darker color. If you saturate the color by 10%, you get **51.6315, 52.7519, 91.4663**, and if you desaturate by 10%, it is **72.4967, 75.8924, 94.8332**.

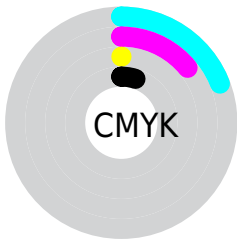
Distribution



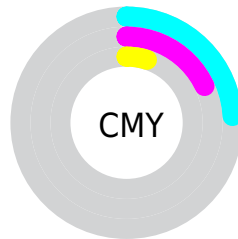
- Red (76%)
- Green (82%)
- Blue (95%)



- Red (76%)
- Yellow (81%)
- Blue (95%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3332, 63.6138, 93.0505 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 61.3332, 63.6138, 93.0505 by changing the saturation by 10% instead.

■ 61.3332, 63.6138,
93.0505

■ 61.3332, 63.6138,
93.0505

419.2511,
437.7937, 558.7290

■ 44.7477, 46.3379,
69.9256

■ 105.8566,
110.0546, 153.5408

■ 31.4592, 32.5126,
50.9894

134.5252,
139.9883, 191.7433

■ 21.1023, 21.7533,
35.8235

167.9523,
174.9100, 235.8088

■ 13.3117, 13.6758,
24.0093

206.5031,
215.2042, 286.1557

■ 7.7220, 7.8955,
15.1283

250.5430,
261.2553, 343.2026

■ 3.9679, 4.0281,
8.7618

300.4374,

■ 1.6840, 1.6893,

313.4477, 407.3681

4.4915

356.5516,
372.1656, 479.0707

■ 0.4462, 0.4167,
1.8987

■ 0.0000, 0.0000,
0.4919

■ 61.3332, 63.6138,
93.0505

■ 61.3332, 63.6138,
93.0505

■ 51.6315, 52.7519,
91.4663

■ 72.4967, 75.8924,
94.8332

■ 43.3231, 43.2462,
90.0694

■ 85.1749, 89.6299,
96.8166

■ 36.3428, 35.0427,
88.8539

■ 93.0272, 99.1909,
98.2481

■ 30.6171, 28.0809,
87.8119

■ 26.0655, 22.2949,
86.9350

■ 22.5969, 17.6120,
86.2139

■ 20.1052, 13.9494,
85.6383

■ 18.4325, 11.1954,
85.1949

■ 18.3507, 11.0579,
85.1727

Harmonies

Analogous

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



57.5110, 63.6138, 91.0697



61.3332, 63.6138, 93.0505



65.0770, 63.6138, 88.1252

Triad

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



61.3332, 63.6138, 93.0505



66.7326, 63.6138, 57.1562



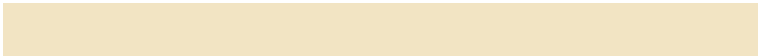
53.7938, 63.6138, 61.0196

Complementary

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



61.3332, 63.6138, 93.0505



74.2124, 78.3045, 62.8343

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.



56.0724, 63.6138, 53.3075



61.3332, 63.6138, 93.0505



63.5143, 63.6138, 51.2515

Square

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



61.3332, 63.6138, 93.0505



68.2804, 63.6138, 66.8138



59.6011, 63.6138, 49.9226



53.2663, 63.6138, 71.7746

Rectangle

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



61.3332, 63.6138, 93.0505



66.9888, 63.6138, 81.8723



59.6011, 63.6138, 49.9226



54.3754, 63.6138, 58.0226

Sweetspot

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



61.3352, 63.6164, 93.0519



86.3118, 90.5496, 107.5364



68.2489, 80.7035, 85.3076



18.2788, 19.1690, 22.9865



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.



61.3352, 63.6164, 93.0519



64.9078, 67.0061, 104.1202



60.5553, 58.3367, 92.0740



15.2811, 15.9963, 20.0038



9.9617, 6.1476, 45.7894



0.9123, 0.6786, 3.8371

Inverse Universe

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



67.6433, 62.5127, 68.8253



73.1739, 65.7439, 72.3327



75.0775, 84.7020, 64.0236



15.9666, 15.8363, 17.3801



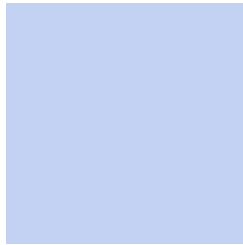
20.3538, 10.4140, 4.5137



1.7354, 0.8832, 0.5976

Previews

White Background



This preview shows how the XYZ color 61.3332, 63.6138, 93.0505 looks on a white background.

Color Contrast Check

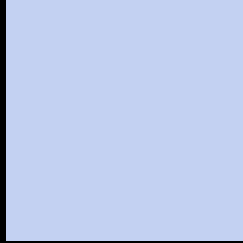
Large Text (above 18pt) WCAG AA × Fail

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 61.3332, 63.6138, 93.0505 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 61.3332, 63.6138, 93.0505

Background



This preview shows how black text looks on a background with the XYZ color 61.3332, 63.6138, 93.0505.



This preview shows how white text looks on a background with the XYZ color 61.3332, 63.6138,

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

61.3332, 63.6138, 93.0505

Protanopia

62.8186, 63.6730, 92.1983

Deuteranopia

64.9219, 63.6538, 93.6587



Tritanopia

59.0361, 63.3964, 82.5240

Trichromacy



Original Color

61.3332, 63.6138, 93.0505

Protanomaly

62.2525, 63.7420, 92.2415

Deuteranomaly

63.7026, 63.7355, 93.7387

Tritanomaly

59.7469, 63.3138, 86.1626

Monochromacy



Original Color

61.3332, 63.6138, 93.0505

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7534, 63.6588, 77.4919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3332, 63.6138, 93.0505 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(195, 209, 242)` looks like.

```
.text, #text, p{  
    color:rgb(195, 209, 242)  
}
```

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(195, 209, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 209, 242) }
```

Border

The CSS property to change the border of an element to XYZ 61.3332, 63.6138, 93.0505 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(195, 209, 242) }
```


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

```
.border{ border-color:rgb(195, 209, 242) }
```

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

Here you see how a box with a 4 pixel rgb(195, 209, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 209, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 209, 242);  
box-shadow:4px 4px 4px 4px rgb(195, 209,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3332, 63.6138, 93.0505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 209, 242) }
```

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

```
.background{ background-color: rgb(195,  
209, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor