

Converting Colors

XYZ(60.1194, 65.6493, 73.7929)

Have a look what the booklet for
XYZ(60.1194, 65.6493, 73.7929)
contains.

XYZ(60.1194, 65.6493, 73.7929)	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(60.1194, 65.6493,
73.7929)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D7D7
RGB	199, 215, 215
RGB Percent	78%, 84%, 84%
CMY	0.2196, 0.1568, 0.1569
CMYK	0.07, 0.00, 0.00, 0.16
HSL	180°, 17%, 81%
HSV	180°, 7%, 84%
XYZ	60.1194, 65.6493, 73.7929
YIQ	210.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

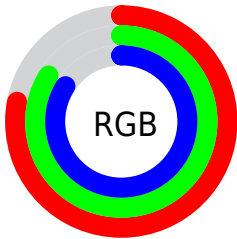
Format	Color
R_{YB}	199, 207, 215
Decimal	13096919
CIE _{Lab}	84.82, -5.35, -1.85
CIE _{LCh}	85, 5.667, 199.100
Yxy	65.6493, 0.3013, 0.3290
Android (android.graphics.Color)	4291286999 (0xFFC7D7D7)
YUV	210.2160, 2.3585, -9.8364
Hunter-Lab	81.0243, -9.3468, 2.7186

Details

The XYZ color **60.1194, 65.6493, 73.7929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7590, 59.4193, 62.4081**, and the grayscale version is **61.3915, 64.5886, 70.3370**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5930, 33.6994, 38.1499** is the 20% darker color. If you saturate the color by 10%, you get **54.8129, 62.9156, 73.5429**, and if you desaturate by 10%, it is **66.2357, 68.8041, 74.0835**.

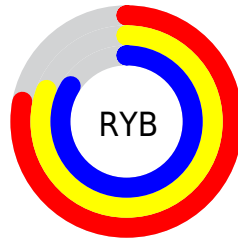
Distribution



Red (78%)

Green (84%)

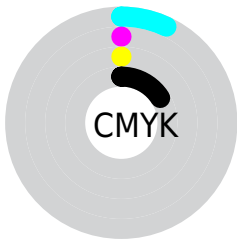
Blue (84%)



Red (78%)

Yellow (81%)

Blue (84%)

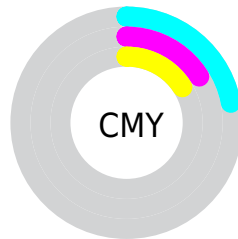


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1194, 65.6493, 73.7929 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 60.1194, 65.6493, 73.7929 by changing the saturation by 10% instead.

■ 60.1194, 65.6493,
73.7929

■ 60.1194, 65.6493,
73.7929

414.8654,
445.1216, 492.9026

■ 43.7647, 47.9878,
54.1288

104.1082,
112.9828, 126.3335

■ 30.6827, 33.8172,
38.3108

132.4730,
143.4236, 160.0471

■ 20.5080, 22.7532,
25.9203

165.5720,
178.8930, 199.2809

■ 12.8752, 14.4114,
16.5388

203.7703,
219.7752, 244.4535

■ 7.4191, 8.4073,
9.7477

247.4335,
266.4548, 295.9835

■ 3.7742, 4.3567,
5.1286

296.9269,

■ 1.5752, 1.8750,

319.3162, 354.2892

2.2629

352.6157,
378.7436, 419.7894

■ 0.3762, 0.5333,
0.7103

■ 0.0000, 0.0000,
0.0000

■ 60.1194, 65.6493,
73.7929

■ 60.1194, 65.6493,
73.7929

■ 54.8129, 62.9156,
73.5429

■ 66.2357, 68.8041,
74.0835

■ 50.2769, 60.5772,
73.3276

■ 73.1877, 72.3879,
74.4119

■ 46.4773, 58.6186,
73.1468

■ 77.8093, 74.7704,
74.6312

■ 43.3753, 57.0195,
72.9986

■ 77.8099, 74.7706,
74.6343

■ 40.9285, 55.7582,
72.8810

■ 77.8105, 74.7709,
74.6373

■ 39.0898, 54.8104,
72.7920

■ 77.8111, 74.7711,
74.6403

■ 37.8061, 54.1486,
72.7289

■ 77.8116, 74.7713,
74.6434

■ 37.0149, 53.7408,
72.6888

■ 77.8122, 74.7716,
74.6464

■ 36.6312, 53.5431,
72.6678

■ 77.8128, 74.7718,
74.6495

Harmonies

Analogous

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



60.0313, 65.6493, 70.1671



60.1194, 65.6493, 73.7929



60.8131, 65.6493, 76.8962

Triad

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



60.1194, 65.6493, 73.7929



64.2609, 65.6493, 76.1565



62.8604, 65.6493, 64.8337

Complementary

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



60.1194, 65.6493, 73.7929



58.7590, 59.4193, 62.4081

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.



64.0096, 65.6493, 66.3261



60.1194, 65.6493, 73.7929



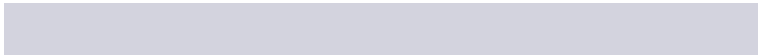
64.8254, 65.6493, 72.8110

Square

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



60.1194, 65.6493, 73.7929



63.1998, 65.6493, 78.2924



64.7328, 65.6493, 69.2178



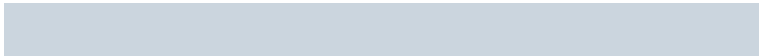
61.6024, 65.6493, 65.0764

Rectangle

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



60.1194, 65.6493, 73.7929



61.5309, 65.6493, 78.2126



64.7328, 65.6493, 69.2178



63.2725, 65.6493, 65.1470

Sweetspot

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



60.1213, 65.6521, 73.7944



93.1983, 99.0455, 108.8124



58.2352, 64.9058, 63.4927



19.9677, 21.2098, 23.2913



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.



60.1213, 65.6521, 73.7944



87.1042, 95.9039, 108.5241



58.1984, 61.8055, 73.1555



12.7921, 14.1079, 15.9858



21.8676, 32.0024, 43.4598



1.3190, 1.9302, 2.6215

Inverse Universe

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



58.7590, 59.4193, 62.4081



84.6840, 84.8307, 88.2954



60.5838, 63.0695, 63.0145



12.4234, 12.4209, 12.9039



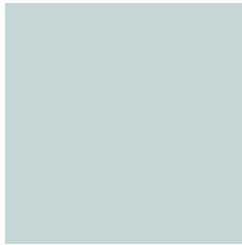
16.7621, 8.6412, 0.7855



1.0110, 0.5212, 0.0476

Previews

White Background



This preview shows how the XYZ color 60.1194, 65.6493, 73.7929 looks on a white background.

Color Contrast Check

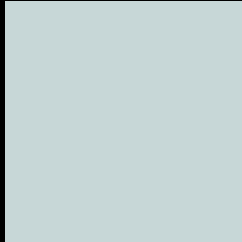
Large Text (above 18pt) WCAG AA × Fail

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 60.1194, 65.6493, 73.7929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

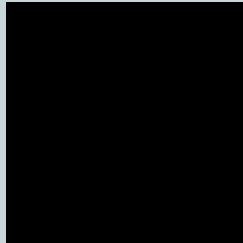
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

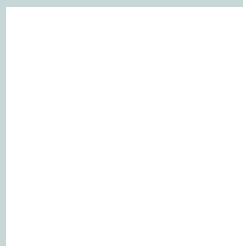
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1194, 65.6493, 73.7929

Background



This preview shows how black text looks on a background with the XYZ color 60.1194, 65.6493, 73.7929.



This preview shows how white text looks on a background with the XYZ color 60.1194, 65.6493,

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

60.1194, 65.6493, 73.7929

Protanopia

62.9546, 65.2937, 71.5722

Deuteranopia

66.6688, 65.3304, 74.7418



Tritanopia

62.1646, 65.7192, 84.2716

Trichromacy



Original Color

60.1194, 65.6493, 73.7929

Protanomaly

61.8482, 65.4464, 72.3235

Deuteranomaly

64.1086, 65.4642, 74.2227

Tritanomaly

61.4566, 65.8087, 80.6974

Monochromacy



Original Color

60.1194, 65.6493, 73.7929

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.8807, 64.9622, 71.6176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1194, 65.6493, 73.7929 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, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(199, 215, 215)  
}
```

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, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.1194, 65.6493, 73.7929 is called "border". The border property can be set on classes, ids or directly on the HTML element.

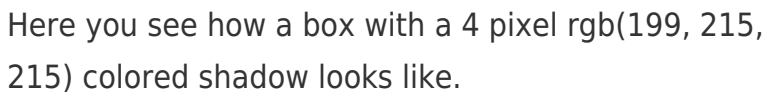
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 215, 215) }
```


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

```
.border{ border-color:rgb(199, 215, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(199, 215,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1194, 65.6493, 73.7929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 215, 215) }
```

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

```
.background{ background-color: rgb(199,  
215, 215) }
```

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