

Converting Colors

XYZ(55.4792, 60.4920, 64.6292)

Have a look what the booklet for
XYZ(55.4792, 60.4920, 64.6292)
contains.

XYZ(55.4792, 60.4920, 64.6292)	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(55.4792, 60.4920,
64.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CFCA
RGB	195, 207, 202
RGB Percent	76%, 81%, 79%
CMY	0.2353, 0.1882, 0.2078
CMYK	0.06, 0.00, 0.02, 0.19
HSL	155°, 11%, 79%
HSV	155°, 6%, 81%
XYZ	55.4792, 60.4920, 64.6292
YIQ	202.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

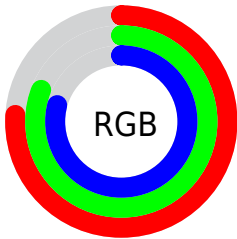
Format	Color
RYB	195, 203, 207
Decimal	12832714
CIELab	82.10, -5.00, 1.06
CIElCh	82, 5.115, 167.982
Yxy	60.4920, 0.3072, 0.3349
Android (android.graphics.Color)	4291022794 (0xFFC3CFCA)
YUV	202.8420, -0.4151, -6.8774
Hunter-Lab	77.7766, -8.7824, 5.1760

Details

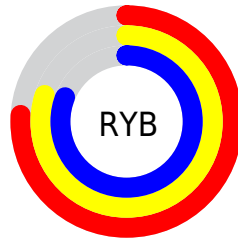
The XYZ color **55.4792, 60.4920, 64.6292** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6748, 56.4674, 62.6114**, and the grayscale version is **56.6721, 59.6234, 64.9299**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.7210, 30.5833, 32.4591** is the 20% darker color. If you saturate the color by 10%, you get **49.5040, 57.5281, 59.1655**, and if you desaturate by 10%, it is **62.2564, 63.8661, 70.4312**.

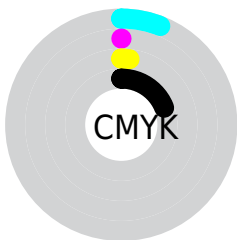
Distribution



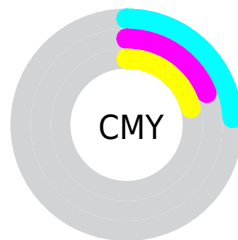
- Red (76%)
- Green (81%)
- Blue (79%)



- Red (76%)
- Yellow (80%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4792, 60.4920, 64.6292 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 55.4792, 60.4920, 64.6292 by changing the saturation by 10% instead.

■ 55.4792, 60.4920,
64.6292

■ 55.4792, 60.4920,
64.6292

397.8328,
426.4089, 459.7280

■ 40.0209, 43.8153,
46.7110

97.3869, 105.5430,
113.1248

■ 27.7391, 30.5253,
32.4546

124.5671,
134.6862, 144.5392

■ 18.2685, 20.2377,
21.4413

156.3852,
168.7536, 181.2896

■ 11.2438, 12.5679,
13.2525

193.2066,
208.1298, 223.7943

■ 6.2996, 7.1317,
7.4699

235.3967,
253.1990, 272.4720

■ 3.0705, 3.5446,
3.6748

283.3209,

■ 1.1911, 1.4222,

304.3456, 327.7411

1.4487

337.3445,
361.9541, 390.0203

■ 0.0994, 0.2330,
0.1793

■ 0.0000, 0.0000,
0.0000

■ 55.4792, 60.4920,
64.6292

■ 55.4792, 60.4920,
64.6292

■ 49.5040, 57.5281,
59.1655

■ 62.2564, 63.8661,
70.4312

■ 44.2945, 54.9508,
54.0297

■ 69.8601, 67.6579,
76.5736

■ 39.8191, 52.7455,
49.2168

■ 77.5418, 71.4831,
83.0272

■ 36.0417, 50.8939,
44.7200

■ 78.7693, 71.9740,
89.4908

■ 32.9235, 49.3758,
40.5322

■ 80.0573, 72.4893,
96.2736

■ 30.4214, 48.1694,
36.6460

■ 81.4069, 73.0291,
103.3802

■ 28.4869, 47.2496,
33.0536

■ 81.6040, 73.1079,
104.4180

■ 27.0638, 46.5877,
29.7468

■ 26.0828, 46.1480,
26.7163

Harmonies

Analogous

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



55.9596, 60.4920, 61.9463



55.4792, 60.4920, 64.6292



55.5341, 60.4920, 67.7275

Triad

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



55.4792, 60.4920, 64.6292



58.1424, 60.4920, 71.7140



58.9037, 60.4920, 61.5252

Complementary

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



55.4792, 60.4920, 64.6292



55.6748, 56.4674, 62.6114

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.



59.5032, 60.4920, 64.0379



55.4792, 60.4920, 64.6292



59.0599, 60.4920, 69.9466

Square

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



55.4792, 60.4920, 64.6292



57.0625, 60.4920, 71.8844



59.5607, 60.4920, 67.1175



57.9313, 60.4920, 60.1923

Rectangle

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



55.4792, 60.4920, 64.6292



55.8670, 60.4920, 69.6117



59.5607, 60.4920, 67.1175



59.1561, 60.4920, 62.2562

Sweetspot

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



55.4809, 60.4946, 64.6305



92.8581, 98.9094, 107.0207



56.0381, 60.8754, 60.4273



19.8984, 21.1821, 22.9267



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.



55.4809, 60.4946, 64.6305



87.6102, 96.3004, 102.4195



55.8897, 60.3487, 67.7372



12.2014, 13.4495, 14.2812



16.2697, 29.0008, 16.3323



0.9488, 1.6372, 1.1189

Inverse Universe

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



55.6748, 56.4674, 62.6114



87.9866, 88.4828, 98.5001



55.2792, 56.5968, 59.6415



12.2573, 12.2896, 13.6997



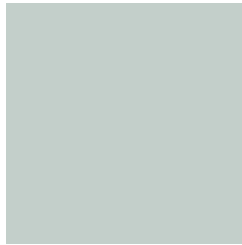
17.3227, 8.8019, 6.6054



1.0077, 0.5078, 0.5755

Previews

White Background



This preview shows how the XYZ color 55.4792, 60.4920, 64.6292 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 55.4792, 60.4920, 64.6292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

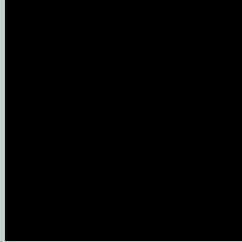
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

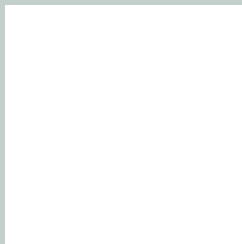
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4792, 60.4920, 64.6292

Background



This preview shows how black text looks on a background with the XYZ color 55.4792, 60.4920, 64.6292.



This preview shows how white text looks on a background with the XYZ color 55.4792, 60.4920,

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

55.4792, 60.4920, 64.6292

Protanopia

58.0758, 60.4373, 63.2482

Deuteranopia

61.6058, 60.1394, 65.4878



Tritanopia

57.7998, 60.3588, 76.3142

Trichromacy



Original Color

55.4792, 60.4920, 64.6292

Protanomaly

57.0373, 60.2401, 63.8797

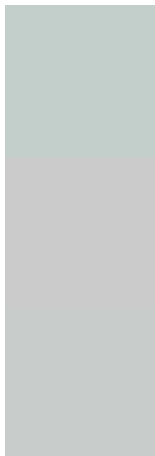
Deuteranomaly

59.1067, 60.2312, 65.0104

Tritanomaly

56.8675, 60.3371, 71.5998

Monochromacy



Original Color

55.4792, 60.4920, 64.6292

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1918, 59.7769, 65.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4792, 60.4920, 64.6292 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, 207, 202) looks like.

```
.text, #text, p{  
    color:rgb(195, 207, 202)  
}
```

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, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 207, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.4792, 60.4920, 64.6292 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, 207, 202) }
```


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

```
.border{ border-color:rgb(195, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(195, 207,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4792, 60.4920, 64.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 207, 202) }
```

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

```
.background{ background-color: rgb(195,  
207, 202) }
```

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