

Converting Colors

XYZ(59.5495, 62.2049, 66.4597)

Have a look what the booklet for
XYZ(59.5495, 62.2049, 66.4597)
contains.

XYZ(59.6691, 62.2520, 66.6286)	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(59.6691, 62.2520,
66.6286)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CECD
RGB	210, 206, 205
RGB Percent	82%, 81%, 80%
CMY	0.1765, 0.1921, 0.1961
CMYK	0.00, 0.02, 0.02, 0.18
HSL	12°, 5%, 81%
HSV	12°, 2%, 82%
XYZ	59.6691, 62.2520, 66.6286
YIQ	207.0820, 2.7050, 0.5370

Conversions

Conversions Part 2

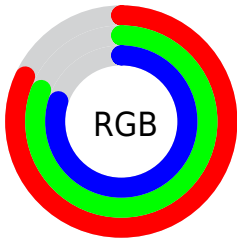
Format	Color
R_{YB}	210, 206, 205
Decimal	13815501
CIE Lab	83.05, 1.20, 0.97
CIE LCh	83, 1.546, 39.060
Yxy	62.2520, 0.3165, 0.3302
Android (android.graphics.Color)	4292005581 (0xFFD2CECD)
YUV	207.0820, -1.0264, 2.5591
Hunter-Lab	78.8999, -3.0819, 5.1614

Details

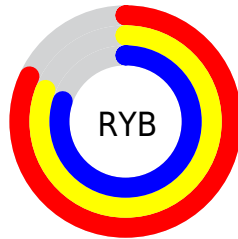
The XYZ color **59.6691, 62.2520, 66.6286** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6102, 63.2325, 70.0369**, and the grayscale version is **59.3677, 62.4594, 68.0183**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5245, 31.7588, 33.7994** is the 20% darker color. If you saturate the color by 10%, you get **53.4754, 53.6522, 52.8856**, and if you desaturate by 10%, it is **66.6382, 71.8564, 82.3102**.

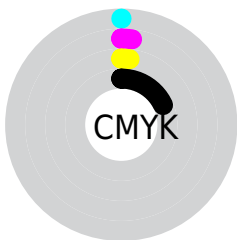
Distribution



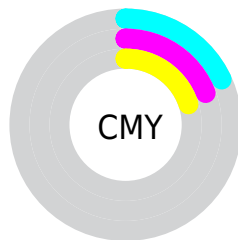
- Red (82%)
- Green (81%)
- Blue (80%)



- Red (82%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6691, 62.2520, 66.6286 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 59.6691, 62.2520, 66.6286 by changing the saturation by 10% instead.

■ 59.6691, 62.2520,
66.6286

■ 59.6691, 62.2520,
66.6286

413.2313,
432.8497, 467.0871

■ 43.4004, 45.2364,
48.3232

103.4586,
108.0897, 116.0237

■ 30.3953, 31.6436,
33.7211

131.7101,
137.6805, 147.9504

■ 20.2884, 21.0894,
22.4038

164.6866,
172.2318, 185.2546

■ 12.7143, 13.1894,
13.9527

202.7534,
212.1280, 228.3548

■ 7.3078, 7.5591,
7.9494

246.2760,
257.7535, 277.6697

■ 3.7033, 3.8141,
3.9753

295.6196,

■ 1.5357, 1.5701,

309.4927, 333.6176

1.6118

351.1496,
367.7300, 396.6172

■ 0.3499, 0.3373,
0.2992

■ 0.0000, 0.0000,
0.0000

■ 59.6691, 62.2520,
66.6286

■ 59.6691, 62.2520,
66.6286

■ 53.4754, 53.6522,
52.8856

■ 66.6382, 71.8564,
82.3102

■ 48.0249, 46.0167,
41.0019

■ 74.4029, 82.4882,
99.9975

■ 43.2908, 39.3139,
30.8983

■ 80.3887, 92.4418,
108.2139

■ 39.2427, 33.5078,
22.4888

■ 35.8480, 28.5600,
15.6800

■ 33.0714, 24.4290,
10.3695

■ 30.8739, 21.0701,
6.4428

■ 29.2120, 18.4341,
3.7688

■ 28.0353, 16.4654,
2.1907

Harmonies

Analogous

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



59.8056, 62.2520, 67.4924



59.6691, 62.2520, 66.6286



59.3986, 62.2520, 66.0773

Triad

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



59.6691, 62.2520, 66.6286



58.5704, 62.2520, 67.1262



59.2699, 62.2520, 69.6158

Complementary

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



59.6691, 62.2520, 66.6286



59.6102, 63.2325, 70.0369

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.



58.9393, 62.2520, 69.5155



59.6691, 62.2520, 66.6286



58.5363, 62.2520, 68.0721

Square

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



59.6691, 62.2520, 66.6286



58.7646, 62.2520, 66.3627



58.6710, 62.2520, 68.9483



59.5746, 62.2520, 69.2211

Rectangle

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



59.6691, 62.2520, 66.6286



59.1792, 62.2520, 65.9581



58.6710, 62.2520, 68.9483



59.1581, 62.2520, 69.6389

Sweetspot

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



59.6709, 62.2547, 66.6300



93.9953, 98.5433, 106.5365



59.9192, 61.9687, 69.1256



20.1300, 21.1077, 22.8281



0.0000, 0.0000, 0.0000



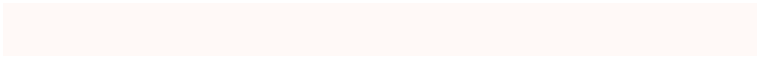
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6709, 62.2547, 66.6300



91.9228, 95.6775, 101.9019



60.2767, 63.4663, 66.8319



12.7649, 13.2510, 14.0351



16.7781, 9.4891, 0.9473



0.9954, 0.6451, 0.0720

Inverse Universe

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



59.6102, 63.2325, 70.0369



91.8035, 97.6022, 108.6083



59.0025, 62.0170, 69.8344



12.7443, 13.5835, 15.1938



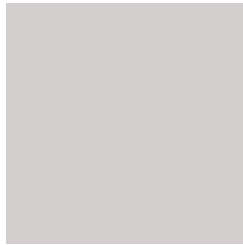
15.6935, 20.0336, 40.2322



0.9299, 1.2250, 2.2670

Previews

White Background



This preview shows how the XYZ color 59.6691, 62.2520, 66.6286 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 59.6691, 62.2520, 66.6286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

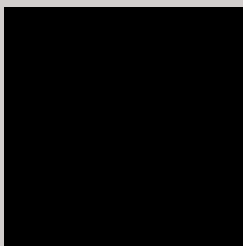
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

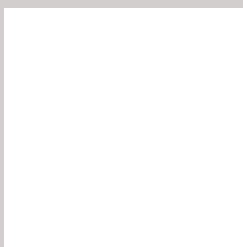
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6691, 62.2520, 66.6286

Background



This preview shows how black text looks on a background with the XYZ color 59.6691, 62.2520, 66.6286.

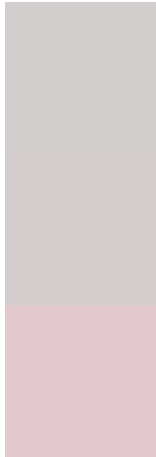


This preview shows how white text looks on a background with the XYZ color 59.6691, 62.2520,

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

59.6691, 62.2520, 66.6286

Protanopia

59.9547, 62.3993, 66.6419

Deuteranopia

63.4734, 62.0957, 67.0328



Tritanopia

61.6625, 62.3501, 76.4950

Trichromacy



Original Color

59.6691, 62.2520, 66.6286

Protanomaly

59.9547, 62.3993, 66.6419

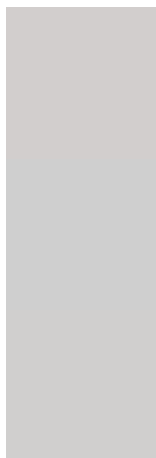
Deuteranomaly

62.0799, 62.0694, 67.1012

Tritanomaly

60.9610, 62.4178, 73.1248

Monochromacy



Original Color

59.6691, 62.2520, 66.6286

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.4658, 62.4918, 67.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6691, 62.2520, 66.6286 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(210, 206, 205) looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 205)  
}
```

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(210, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 205) }
```

Border

The CSS property to change the border of an element to XYZ 59.6691, 62.2520, 66.6286 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(210, 206, 205) }
```


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

```
.border{ border-color:rgb(210, 206, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 206, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6691, 62.2520, 66.6286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 205) }
```

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

```
.background{ background-color: rgb(210,  
206, 205) }
```

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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