

# Converting Colors

XYZ(59.5005, 65.2117, 62.0370)

Have a look what the booklet for  
XYZ(59.5005, 65.2117, 62.0370)  
contains.

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# Color

**XYZ(59.5782, 65.2462,  
62.2770)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">CED6C5</a>
RGB	206, 214, 197
RGB Percent	81%, 84%, 77%
CMY	0.1922, 0.1608, 0.2274
CMYK	0.04, 0.00, 0.08, 0.16
HSL	88°, 17%, 81%
HSV	88°, 8%, 84%
XYZ	59.5782, 65.2462, 62.2770
YIQ	209.6700, 0.6890, -6.9830

# Conversions

## Conversions Part 2

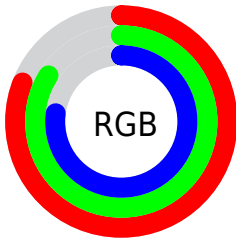
Format	Color
<a href="#">RYB</a>	<a href="#">197, 214, 205</a>
Decimal	<a href="#">13555397</a>
CIELab	<a href="#">84.61, -5.76, 7.45</a>
CIELCh	<a href="#">85, 9.413, 127.689</a>
Yxy	<a href="#">65.2462, 0.3184, 0.3487</a>
Android (android.graphics.Color)	<a href="#">4291745477</a> ( <a href="#">0xFFCED6C5</a> )
YUV	<a href="#">209.6700, -6.2463, -3.2186</a>
Hunter-Lab	<a href="#">80.7751, -9.6982, 10.8304</a>

# Details

The XYZ color **59.5782, 65.2462, 62.2770** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2833, 57.7685, 71.7531**, and the grayscale version is **61.0831, 64.2642, 69.9837**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.3050, 33.4548, 30.8468** is the 20% darker color. If you saturate the color by 10%, you get **54.5909, 62.9406, 50.1392**, and if you desaturate by 10%, it is **65.0965, 67.7892, 76.2596**.

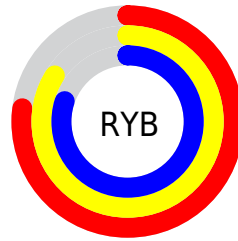
# Distribution



Red (81%)

Green (84%)

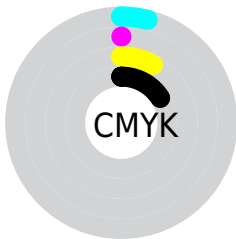
Blue (77%)



Red (77%)

Yellow (84%)

Blue (80%)

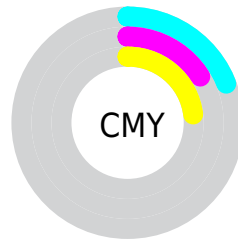


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5782, 65.2462, 62.2770 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 59.5782, 65.2462, 62.2770 by changing the saturation by 10% instead.



■ 59.5782, 65.2462,  
62.2770

■ 59.5782, 65.2462,  
62.2770

412.9010,  
443.6762, 450.9763

■ 43.3269, 47.6607,  
44.8193

103.3274,  
112.4037, 109.7013

■ 30.3373, 33.5583,  
30.9732

131.5560,  
142.7446, 140.5049

■ 20.2441, 22.5545,  
20.3202

164.5077,  
178.1061, 176.5943

■ 12.6819, 14.2649,  
12.4416

202.5479,  
218.8725, 218.3880

■ 7.2854, 8.3051,  
6.9190

246.0420,  
265.4284, 266.3045

■ 3.6891, 4.2908,  
3.3338

295.3553,

■ 1.5278, 1.8375,

318.1580, 320.7623

1.2675

350.8532,  
377.4458, 382.1801

■ 0.3446, 0.5104,  
0.0349

■ 0.0000, 0.0000,  
0.0000

■ 59.5782, 65.2462,  
62.2770

■ 59.5782, 65.2462,  
62.2770

■ 54.5909, 62.9406,  
50.1392

■ 65.0965, 67.7892,  
76.2596

■ 50.1114, 60.8563,  
39.7648

■ 71.1575, 70.5682,  
92.1551

■ 46.1223, 58.9881,  
31.0729

■ 76.7640, 73.1868,  
104.6883

■ 42.6033, 57.3274,  
23.9744

■ 80.2082, 74.9623,  
104.8495

■ 39.5323, 55.8651,  
18.3721

■ 83.3379, 76.5758,  
104.9960

■ 36.8851, 54.5910,  
14.1582

■ 34.6346, 53.4937,  
11.2102

■ 32.7494, 52.5603,  
9.3845

■ 31.1864, 51.7730,  
8.4758

# Harmonies

## Analogous

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



61.4758, 65.2462, 60.1856



59.5782, 65.2462, 62.2770



58.3530, 65.2462, 66.7411

# Triad

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



59.5782, 65.2462, 62.2770



60.4940, 65.2462, 82.2880



66.1034, 65.2462, 69.5058

# Complementary

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



59.5782, 65.2462, 62.2770



57.2833, 57.7685, 71.7531

# 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.



65.8262, 65.2462, 75.5239



59.5782, 65.2462, 62.2770



62.5564, 65.2462, 83.1312

# Square

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



59.5782, 65.2462, 62.2770



58.8734, 65.2462, 78.3502



64.5164, 65.2462, 80.5931



65.2655, 65.2462, 64.2031



# Rectangle

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



59.5782, 65.2462, 62.2770



58.0663, 65.2462, 70.5766



64.5164, 65.2462, 80.5931



66.1378, 65.2462, 71.5094

# Sweetspot

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



59.5800, 65.2490, 62.2784



93.3619, 99.2234, 104.5916



59.6275, 61.9605, 61.6412



20.0010, 21.2460, 22.4320



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

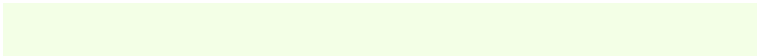


# Same Dimension

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



59.5800, 65.2490, 62.2784



86.9336, 96.2591, 88.4933



57.3012, 64.0743, 62.1718



12.8836, 14.2162, 13.2257



18.7925, 31.2642, 5.0441



1.2287, 1.9348, 0.3087



# Inverse Universe

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



57.2833, 57.7685, 71.7531



82.6557, 82.3253, 106.1417



59.6728, 59.0003, 71.8649



12.2929, 12.2924, 15.6623



10.6807, 4.6586, 38.7894

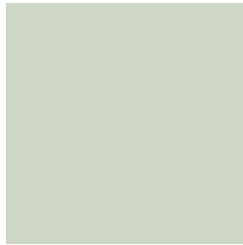


0.7393, 0.3300, 2.3440



# Previews

## White Background



This preview shows how the XYZ color 59.5782, 65.2462, 62.2770 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

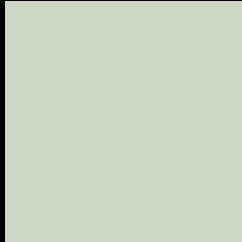
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.5782, 65.2462, 62.2770 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

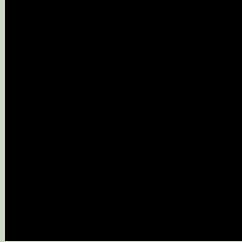
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

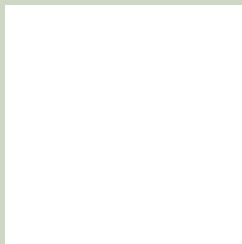
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.5782, 65.2462, 62.2770**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.5782, 65.2462, 62.2770.



This preview shows how white text looks on a background with the XYZ color 59.5782, 65.2462, 62.2770.



# 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

59.5782, 65.2462, 62.2770

### Protanopia

62.1103, 65.0934, 60.9205

### Deuteranopia

66.4937, 65.1421, 63.1019



## Tritanopia

63.3524, 65.2858, 81.2139

# Trichromacy



## Original Color

59.5782, 65.2462, 62.2770

## Protanomaly

60.9896, 64.8702, 61.5313

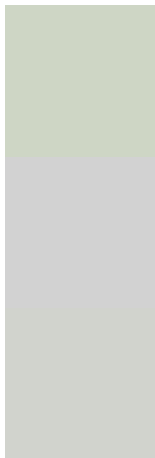
## Deuteranomaly

63.8003, 65.1965, 62.6476

## Tritanomaly

61.8545, 65.0501, 73.5858

# Monochromacy



## Original Color

59.5782, 65.2462, 62.2770

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

60.6082, 64.5516, 67.0229

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5782, 65.2462, 62.2770 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(206, 214, 197) looks like.

```
.text, #text, p{  
    color:rgb(206, 214, 197)  
}
```

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(206, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 197) }
```

## Border

The CSS property to change the border of an element to XYZ 59.5782, 65.2462, 62.2770 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(206, 214, 197) }
```



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

```
.border{ border-color:rgb(206, 214, 197) }
```

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

Here you see how a box with a 4 pixel rgb(206, 214, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
197) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.5782, 65.2462, 62.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 197) }
```

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

```
.background{ background-color: rgb(206,  
214, 197) }
```

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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