

Converting Colors

XYZ(61.1644, 65.2245, 59.5881)

Have a look what the booklet for
XYZ(61.1644, 65.2245, 59.5881)
contains.

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Color

**XYZ(61.1935, 65.3843,
59.8473)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D4C1
RGB	215, 212, 193
RGB Percent	84%, 83%, 76%
CMY	0.1569, 0.1686, 0.2431
CMYK	0.00, 0.01, 0.10, 0.16
HSL	52°, 22%, 80%
HSV	52°, 10%, 84%
XYZ	61.1935, 65.3843, 59.8473
YIQ	210.7310, 7.8870, -5.2730

Conversions

Conversions Part 2

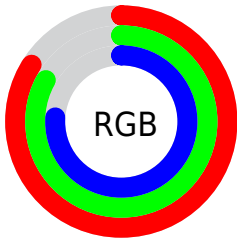
Format	Color
RYB	196, 215, 193
Decimal	14144705
CIELab	84.68, -2.23, 9.76
CIELCh	85, 10.010, 102.861
Yxy	65.3843, 0.3282, 0.3507
Android (android.graphics.Color)	4292334785 (0xFFD7D4C1)
YUV	210.7310, -8.7414, 3.7439
Hunter-Lab	80.8606, -6.4211, 12.7201

Details

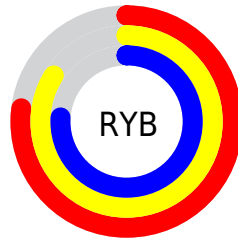
The XYZ color **61.1935, 65.3843, 59.8473** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9980, 55.7228, 72.2003**, and the grayscale version is **61.7931, 65.0111, 70.7971**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.2144, 33.4516, 29.2377** is the 20% darker color. If you saturate the color by 10%, you get **58.2427, 63.0456, 47.8785**, and if you desaturate by 10%, it is **64.5099, 67.8948, 73.6598**.

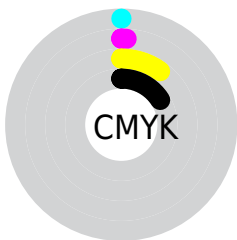
Distribution



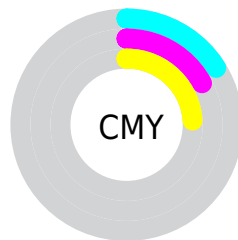
- Red (84%)
- Green (83%)
- Blue (76%)



- Red (77%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1935, 65.3843, 59.8473 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 61.1935, 65.3843, 59.8473 by changing the saturation by 10% instead.

■ 61.1935, 65.3843,
59.8473

■ 61.1935, 65.3843,
59.8473

418.7477,
444.1717, 441.8237

■ 44.6345, 47.7728,
42.8711

■ 105.6556,
112.6022, 106.1493

■ 31.3697, 33.6470,
29.4533

134.2894,
142.9773, 136.3122

■ 21.0337, 22.6225,
19.1755

167.6788,
178.3758, 171.7077

■ 13.2612, 14.3150,
11.6191

206.1892,
219.1819, 212.7544

■ 7.6869, 8.3401,
6.3655

250.1859,
265.7802, 259.8708

■ 3.9454, 4.3133,
2.9962

300.0343,

■ 1.6713, 1.8503,

318.5550, 313.4755

1.0927

356.0998,
377.8907, 373.9869

■ 0.4382, 0.5183,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1935, 65.3843,
59.8473

■ 61.1935, 65.3843,
59.8473

■ 58.2427, 63.0456,
47.8785

■ 64.5099, 67.8948,
73.6598

■ 55.6371, 60.8639,
37.6703

■ 68.2006, 70.5742,
89.3860

■ 53.3623, 58.8356,
29.1394

■ 71.8754, 73.2687,
104.9618

■ 51.4009, 56.9536,
22.1943

■ 72.6543, 74.8264,
105.2214

■ 49.7338, 55.2100,
16.7344

■ 73.4466, 76.4112,
105.4855

■ 48.3395, 53.5963,
12.6480

■ 74.2526, 78.0232,
105.7542

■ 47.1939, 52.1025,
9.8072

■ 75.0723, 79.6626,
106.0274

■ 46.2679, 50.7171,
8.0603

■ 75.9058, 81.3294,
106.3052

■ 45.5251, 49.4482,
7.1450

■ 76.7530, 83.0239,
106.5876

Harmonies

Analogous

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



63.4218, 65.3843, 60.0595



61.1935, 65.3843, 59.8473



59.2662, 65.3843, 62.5405

Triad

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



61.1935, 65.3843, 59.8473



59.0465, 65.3843, 79.9032



66.3466, 65.3843, 74.8840

Complementary

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



61.1935, 65.3843, 59.8473



53.9980, 55.7228, 72.2003

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.



65.1173, 65.3843, 80.6075



61.1935, 65.3843, 59.8473



60.8871, 65.3843, 83.6224

Square

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



61.1935, 65.3843, 59.8473



58.0467, 65.3843, 73.9691



63.1080, 65.3843, 83.8876



66.4335, 65.3843, 68.4860

Rectangle

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



61.1935, 65.3843, 59.8473



58.3968, 65.3843, 65.7206



63.1080, 65.3843, 83.8876



66.0520, 65.3843, 76.9597

Sweetspot

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



61.1953, 65.3872, 59.8487



93.5111, 98.8541, 102.4313



57.0932, 56.5872, 60.3180



19.9290, 21.0941, 21.5638



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.



61.1953, 65.3872, 59.8487



89.1939, 95.5536, 84.5484



59.7429, 65.7606, 59.9973



13.3219, 14.2181, 13.2029



27.2867, 29.6905, 4.2927



1.6865, 1.8723, 0.2725

Inverse Universe

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



53.9980, 55.7228, 72.2003



76.8143, 78.9306, 105.7943



55.3434, 55.4232, 72.0716



11.8776, 12.2787, 15.6815



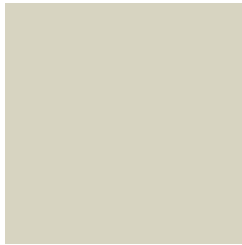
7.6481, 3.5580, 38.7368



0.5066, 0.3052, 2.3515

Previews

White Background



This preview shows how the XYZ color 61.1935, 65.3843, 59.8473 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 61.1935, 65.3843, 59.8473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

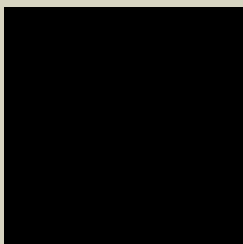
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

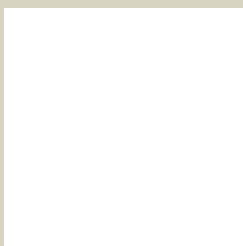
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1935, 65.3843, 59.8473

Background



This preview shows how black text looks on a background with the XYZ color 61.1935, 65.3843, 59.8473.



This preview shows how white text looks on a background with the XYZ color 61.1935, 65.3843,

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

61.1935, 65.3843, 59.8473

Protanopia

62.3239, 65.6099, 59.2483

Deuteranopia

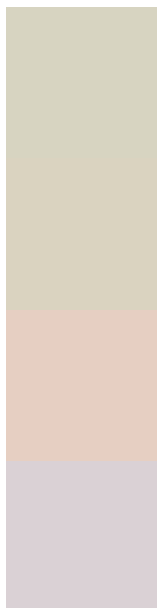
66.7031, 65.3030, 60.7189



Tritanopia

64.9808, 65.0675, 79.6554

Trichromacy



Original Color

61.1935, 65.3843, 59.8473

Protanomaly

61.7221, 65.2997, 59.2202

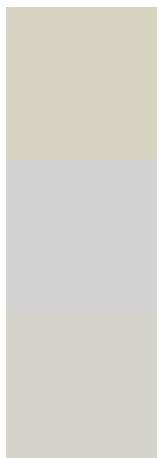
Deuteranomaly

64.6836, 65.3437, 60.2423

Tritanomaly

63.7241, 65.3105, 72.1983

Monochromacy



Original Color

61.1935, 65.3843, 59.8473

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.3447, 64.9452, 66.4292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1935, 65.3843, 59.8473 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(215, 212, 193) looks like.

```
.text, #text, p{  
    color:rgb(215, 212, 193)  
}
```

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(215, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 212, 193) }
```

Border

The CSS property to change the border of an element to XYZ 61.1935, 65.3843, 59.8473 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(215, 212, 193) }
```


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

```
.border{ border-color:rgb(215, 212, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 212, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(215, 212,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1935, 65.3843, 59.8473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 212, 193) }
```

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

```
.background{ background-color: rgb(215,  
212, 193) }
```

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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