

Converting Colors

XYZ(61.2399, 65.2242, 61.7620)

Have a look what the booklet for
XYZ(61.2399, 65.2242, 61.7620)
contains.

XYZ(61.2388, 65.3686, 61.6143)	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(61.2388, 65.3686,
61.6143)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D4C4
RGB	214, 212, 196
RGB Percent	84%, 83%, 77%
CMY	0.1608, 0.1686, 0.2314
CMYK	0.00, 0.01, 0.08, 0.16
HSL	53°, 18%, 80%
HSV	53°, 8%, 84%
XYZ	61.2388, 65.3686, 61.6143
YIQ	210.7740, 6.3280, -4.5520

Conversions

Conversions Part 2

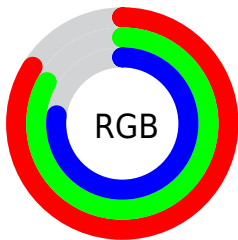
Format	Color
R _Y B	198, 214, 196
Decimal	14079172
CIE Lab	84.67, -2.09, 8.15
CIE LCh	85, 8.412, 104.365
Yxy	65.3686, 0.3254, 0.3473
Android (android.graphics.Color)	4292269252 (0xFFD6D4C4)
YUV	210.7740, -7.2836, 2.8292
Hunter-Lab	80.8509, -6.2879, 11.4123

Details

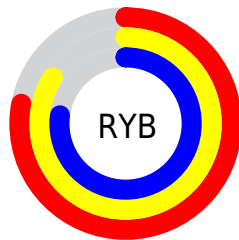
The XYZ color **61.2388, 65.3686, 61.6143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0965, 56.9780, 71.7129**, and the grayscale version is **61.8128, 65.0319, 70.8197**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **31.2375, 33.4379, 30.3989** is the 20% darker color. If you saturate the color by 10%, you get **58.3865, 63.2877, 49.4910**, and if you desaturate by 10%, it is **64.4509, 67.6116, 75.5733**.

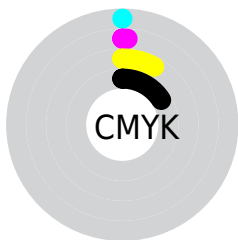
Distribution



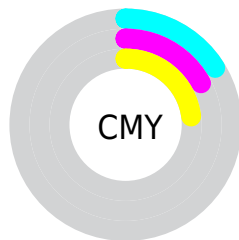
- Red (84%)
- Green (83%)
- Blue (77%)



- Red (78%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2388, 65.3686, 61.6143 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 61.2388, 65.3686, 61.6143 by changing the saturation by 10% instead.

■ 61.2388, 65.3686,
61.6143

■ 61.2388, 65.3686,
61.6143

418.9110,
444.1154, 448.4915

■ 44.6712, 47.7600,
44.2873

105.7208,
112.5796, 108.7341

■ 31.3987, 33.6369,
30.5576

134.3659,
142.9509, 139.3640

■ 21.0559, 22.6148,
20.0066

167.7675,
178.3451, 175.2653

■ 13.2776, 14.3093,
12.2157

206.2910,
219.1468, 216.8565

■ 7.6983, 8.3361,
6.7664

250.3017,
265.7402, 264.5562

■ 3.9527, 4.3108,
3.2402

300.1651,

■ 1.6754, 1.8489,

318.5099, 318.7829

1.2186

356.2464,
377.8401, 379.9552

■ 0.4408, 0.5174,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2388, 65.3686,
61.6143

■ 61.2388, 65.3686,
61.6143

■ 58.3865, 63.2877,
49.4910

■ 64.4509, 67.6116,
75.5733

■ 55.8741, 61.3545,
39.1220

■ 68.0312, 70.0138,
91.4363

■ 53.6874, 59.5654,
30.4262

■ 71.1455, 72.2437,
104.8024

■ 51.8096, 57.9137,
23.3144

■ 71.7695, 73.4916,
105.0104

■ 50.2221, 56.3917,
17.6891

■ 72.4022, 74.7571,
105.2213

■ 48.9044, 54.9914,
13.4421

■ 73.0439, 76.0405,
105.4352

■ 47.8329, 53.7031,
10.4503

■ 73.6945, 77.3417,
105.6521

■ 46.9803, 52.5159,
8.5689

■ 74.3541, 78.6608,
105.8719

■ 46.3052, 51.4132,
7.5808

■ 75.0227, 79.9980,
106.0948

Harmonies

Analogous

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



63.1098, 65.3686, 61.6683



61.2388, 65.3686, 61.6143



59.6386, 65.3686, 64.0310

Triad

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



61.2388, 65.3686, 61.6143



59.5835, 65.3686, 78.6586



65.6757, 65.3686, 74.0007

Complementary

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



61.2388, 65.3686, 61.6143



55.0965, 56.9780, 71.7129

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.



64.6917, 65.3686, 78.8322



61.2388, 65.3686, 61.6143



61.1622, 65.3686, 81.6124

Square

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



61.2388, 65.3686, 61.6143



58.6960, 65.3686, 73.7735



63.0316, 65.3686, 81.6775



65.6972, 65.3686, 68.6388

Rectangle

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



61.2388, 65.3686, 61.6143



58.9300, 65.3686, 66.7917



63.0316, 65.3686, 81.6775



65.4456, 65.3686, 75.7467

Sweetspot

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



61.2406, 65.3715, 61.6157



93.5726, 98.9770, 102.4518



57.6769, 57.8587, 61.6154



19.9457, 21.1274, 21.5693



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.



61.2406, 65.3715, 61.6157



90.3175, 96.6744, 88.3951



59.7712, 65.3592, 61.6908



13.3498, 14.2738, 13.2122



27.9751, 31.0674, 4.5222



1.7216, 1.9424, 0.2842

Inverse Universe

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



55.0965, 56.9780, 71.7129



79.4717, 81.8581, 106.2193



56.4797, 57.0183, 71.6478



11.8524, 12.2281, 15.6731



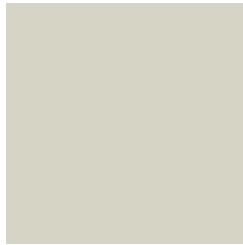
7.5683, 3.3984, 38.7102



0.4947, 0.2813, 2.3475

Previews

White Background



This preview shows how the XYZ color 61.2388, 65.3686, 61.6143 looks on a white background.

Color Contrast Check

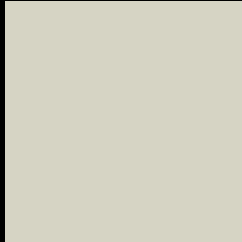
Large Text (above 18pt) WCAG AA × Fail

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 61.2388, 65.3686, 61.6143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

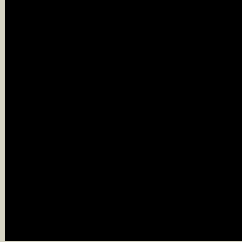
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

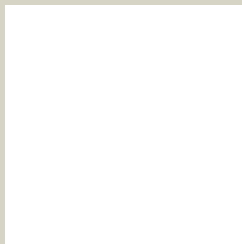
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2388, 65.3686, 61.6143

Background



This preview shows how black text looks on a background with the XYZ color 61.2388, 65.3686, 61.6143.



This preview shows how white text looks on a background with the XYZ color 61.2388, 65.3686,

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

61.2388, 65.3686, 61.6143

Protanopia

62.3580, 65.5887, 61.0030

Deuteranopia

66.7110, 65.2675, 62.5079



Tritanopia

64.9239, 65.3990, 79.7224

Trichromacy



Original Color

61.2388, 65.3686, 61.6143

Protanomaly

61.7599, 65.2804, 60.9750

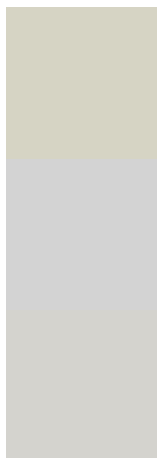
Deuteranomaly

64.7040, 65.3149, 62.0201

Tritanomaly

63.5533, 65.2077, 72.8550

Monochromacy



Original Color

61.2388, 65.3686, 61.6143

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.5862, 65.0418, 67.7009

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2388, 65.3686, 61.6143 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(214, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(214, 212, 196)  
}
```

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(214, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 61.2388, 65.3686, 61.6143 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(214, 212, 196) }
```


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

```
.border{ border-color:rgb(214, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(214, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2388, 65.3686, 61.6143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 212, 196) }
```

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

```
.background{ background-color: rgb(214,  
212, 196) }
```

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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