

Converting Colors

XYZ(60.9394, 63.6299, 61.5827)

Have a look what the booklet for
XYZ(60.9394, 63.6299, 61.5827)
contains.

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Color

**XYZ(60.8386, 63.6962,
61.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0C4
RGB	216, 208, 196
RGB Percent	85%, 82%, 77%
CMY	0.1529, 0.1843, 0.2314
CMYK	0.00, 0.04, 0.09, 0.15
HSL	36°, 20%, 81%
HSV	36°, 9%, 85%
XYZ	60.8386, 63.6962, 61.3126
YIQ	209.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

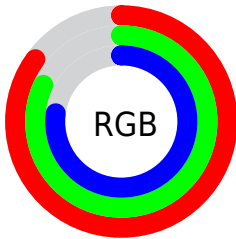
Format	Color
R_{YB}	209, 216, 196
Decimal	14209220
CIE _{Lab}	83.81, 0.70, 6.93
CIE _{LCh}	84, 6.962, 84.204
Yxy	63.6962, 0.3274, 0.3427
Android (android.graphics.Color)	4292399300 (0xFFD8D0C4)
YUV	209.0240, -6.4208, 6.1180
Hunter-Lab	79.8099, -3.5979, 10.3184

Details

The XYZ color **60.8386, 63.6962, 61.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7524, 59.8784, 73.5330**, and the grayscale version is **60.6581, 63.8171, 69.4968**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **31.1360, 32.6413, 30.2505** is the 20% darker color. If you saturate the color by 10%, you get **56.5070, 58.6879, 48.5995**, and if you desaturate by 10%, it is **65.6424, 69.0810, 75.9309**.

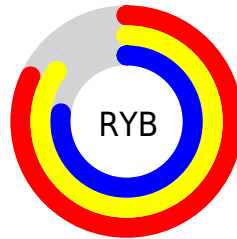
Distribution



Red (85%)

Green (82%)

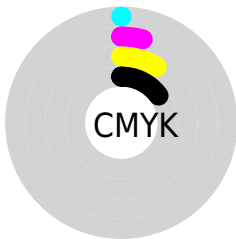
Blue (77%)



Red (82%)

Yellow (85%)

Blue (77%)

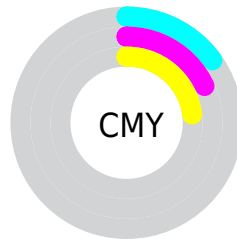


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8386, 63.6962, 61.3126 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 60.8386, 63.6962, 61.3126 by changing the saturation by 10% instead.

■ 60.8386, 63.6962,
61.3126

■ 60.8386, 63.6962,
61.3126

417.4673,
438.0917, 447.3575

■ 44.3470, 46.4047,
44.0453

105.1446,
110.1733, 108.2934

■ 31.1425, 32.5653,
30.3687

133.6898,
140.1276, 138.8439

■ 20.8597, 21.7936,
19.8642

166.9834,
175.0717, 174.6593

■ 13.1334, 13.7053,
12.1132

205.3910,
215.3899, 216.1580

■ 7.5981, 7.9160,
6.6974

249.2778,
261.4666, 263.7587

■ 3.8885, 4.0412,
3.1980

299.0092,

■ 1.6392, 1.6967,

313.6862, 317.8798

1.1966

354.9506,
372.4331, 378.9399

■ 0.4178, 0.4215,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8386, 63.6962,
61.3126

■ 60.8386, 63.6962,
61.3126

■ 56.5070, 58.6879,
48.5995

■ 65.6424, 69.0810,
75.9309

■ 52.6254, 54.0380,
37.7077

■ 70.9291, 74.8432,
92.5255

■ 49.1776, 49.7393,
28.5530

■ 75.7671, 80.6149,
106.1746

■ 46.1444, 45.7809,
21.0428

■ 78.2848, 85.6502,
107.0138

■ 43.5046, 42.1514,
15.0758

■ 80.9239, 90.9285,
107.8935

■ 41.2350, 38.8382,
10.5396

■ 82.1292, 93.3391,
108.2953

■ 39.3093, 35.8275,
7.3061

■ 37.6968, 33.1036,
5.2240

■ 36.3484, 30.6434,
4.0450

Harmonies

Analogous

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



62.2767, 63.6962, 62.7486



60.8386, 63.6962, 61.3126



59.3443, 63.6962, 61.9568

Triad

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



60.8386, 63.6962, 61.3126



57.9000, 63.6962, 72.8629



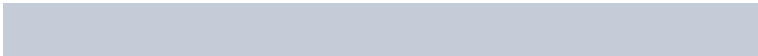
62.9567, 63.6962, 74.3950

Complementary

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



60.8386, 63.6962, 61.3126



56.7524, 59.8784, 73.5330

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.



61.7543, 63.6962, 77.3184



60.8386, 63.6962, 61.3126



58.8385, 63.6962, 76.4082

Square

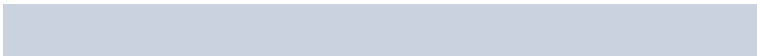
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8386, 63.6962, 61.3126



57.6641, 63.6962, 68.5078



60.2450, 63.6962, 78.0702



63.5127, 63.6962, 70.2078

Rectangle

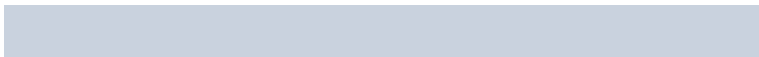
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8386, 63.6962, 61.3126



58.5152, 63.6962, 63.4936



60.2450, 63.6962, 78.0702



62.6137, 63.6962, 75.5650

Sweetspot

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



60.8404, 63.6990, 61.3140



92.8746, 97.5811, 102.2192



58.9587, 58.4393, 65.3000



19.7569, 20.7498, 21.5064



0.0000, 0.0000, 0.0000



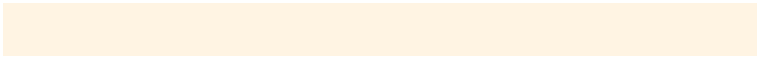
20.3446, 21.4041, 23.3091

Same Dimension

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



60.8404, 63.6990, 61.3140



87.3844, 91.3757, 85.6685



62.2520, 67.3942, 61.9528



13.0369, 13.6481, 13.1079



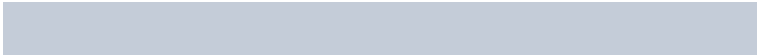
21.5669, 18.2511, 2.3861



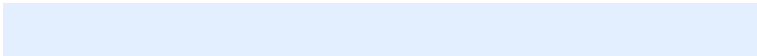
1.3808, 1.2608, 0.1706

Inverse Universe

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



56.7524, 59.8784, 73.5330



80.3352, 84.7876, 106.7393



55.4242, 56.4444, 72.9402



12.1460, 12.8154, 15.7710



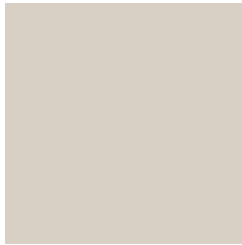
9.4221, 7.1059, 39.3281



0.6481, 0.5882, 2.3987

Previews

White Background



This preview shows how the XYZ color 60.8386, 63.6962, 61.3126 looks on a white background.

Color Contrast Check

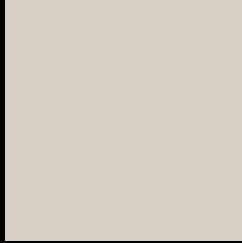
Large Text (above 18pt) WCAG AA × Fail

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 60.8386, 63.6962, 61.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

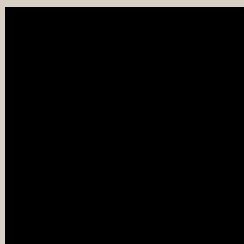
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

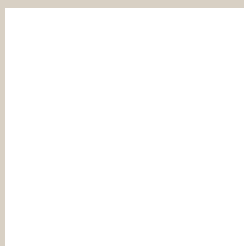
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8386, 63.6962, 61.3126

Background



This preview shows how black text looks on a background with the XYZ color 60.8386, 63.6962, 61.3126.

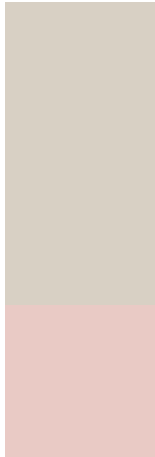


This preview shows how white text looks on a background with the XYZ color 60.8386, 63.6962,

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

60.8386, 63.6962, 61.3126

Protanopia

60.8386, 63.6962, 61.3126

Deuteranopia

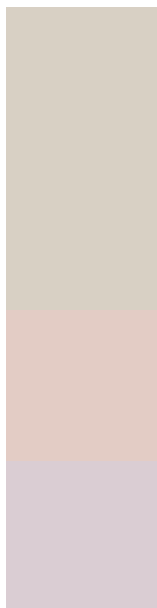
64.8028, 63.5959, 61.6831



Tritanopia

63.7246, 63.4131, 76.5915

Trichromacy



Original Color

60.8386, 63.6962, 61.3126

Protanomaly

60.8386, 63.6962, 61.3126

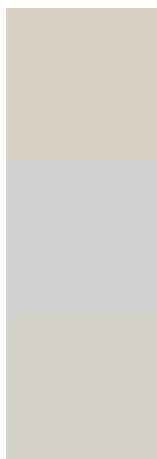
Deuteranomaly

63.3495, 63.5478, 61.7504

Tritanomaly

62.5026, 63.2712, 70.5463

Monochromacy



Original Color

60.8386, 63.6962, 61.3126

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.8509, 63.9576, 66.2646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8386, 63.6962, 61.3126 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(216, 208, 196) looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 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(216, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.8386, 63.6962, 61.3126 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(216, 208, 196) }
```


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

```
.border{ border-color:rgb(216, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(216, 208,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8386, 63.6962, 61.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 196) }
```

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

```
.background{ background-color: rgb(216,  
208, 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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