

Converting Colors

XYZ(56.3047, 63.9044, 42.5062)

Have a look what the booklet for
XYZ(56.3047, 63.9044, 42.5062)
contains.

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Color

**XYZ(56.4042, 64.0411,
42.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D6A0
RGB	208, 214, 160
RGB Percent	82%, 84%, 63%
CMY	0.1843, 0.1608, 0.3725
CMYK	0.03, 0.00, 0.25, 0.16
HSL	67°, 40%, 73%
HSV	67°, 25%, 84%
XYZ	56.4042, 64.0411, 42.6461
YIQ	206.0500, 13.7580, -18.0660

Conversions

Conversions Part 2

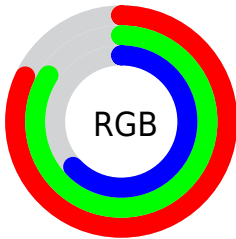
Format	Color
RYB	160, 214, 166
Decimal	13686432
CIELab	83.99, -10.81, 26.06
CIElCh	84, 28.212, 112.522
Yxy	64.0411, 0.3458, 0.3927
Android (android.graphics.Color)	4291876512 (0xFFD0D6A0)
YUV	206.0500, -22.7027, 1.7101
Hunter-Lab	80.0257, -14.2335, 24.4220

Details

The XYZ color **56.4042, 64.0411, 42.6461** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.4367, 38.1054, 68.8457**, and the grayscale version is **58.8343, 61.8982, 67.4072**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **28.2418, 32.6513, 19.0012** is the 20% darker color. If you saturate the color by 10%, you get **54.0276, 63.0159, 33.5895**, and if you desaturate by 10%, it is **59.1165, 65.2061, 53.4032**.

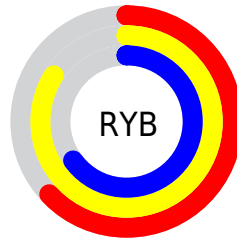
Distribution



Red (82%)

Green (84%)

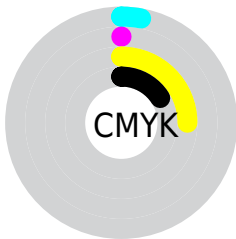
Blue (63%)



Red (63%)

Yellow (84%)

Blue (65%)

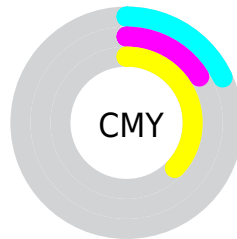


Cyan (3%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (18%)


Magenta (16%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4042, 64.0411, 42.6461 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 56.4042, 64.0411, 42.6461 by changing the saturation by 10% instead.


 56.4042, 64.0411,
42.6461


 56.4042, 64.0411,
42.6461


401.2634,
439.3380, 373.0327

 40.7654, 46.6840,
29.2782


 98.7317, 110.6701,
80.4572

 28.3226, 32.7859,
19.0440


 126.1511,
140.7108, 105.7374

 18.7107, 21.9625,
11.5249


158.2280,
175.7481, 135.8255

 11.5642, 13.8293,
6.3025

195.3278,
216.1665, 171.1400

 6.5177, 8.0021,
2.9581

237.8159,
262.3502, 212.0994

 3.2060, 4.0963,
1.0733

286.0576,

 1.2636, 1.7276,

314.6838, 259.1223

0.0000

340.4183,
373.5516, 312.6272

■ 0.1557, 0.4414,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4042, 64.0411,
42.6461

■ 56.4042, 64.0411,
42.6461

■ 54.0276, 63.0159,
33.5895

■ 59.1165, 65.2061,
53.4032

■ 51.9651, 62.1154,
26.1423

■ 62.1749, 66.5085,
65.9374

■ 50.2003, 61.3351,
20.2112

■ 65.5954, 67.9569,
80.3256

■ 48.7135, 60.6671,
15.6919

■ 69.3915, 69.5567,
96.6391

■ 47.4822, 60.1024,
12.4664

■ 71.5824, 70.5156,
104.4458

■ 46.4804, 59.6307,
10.3982

■ 72.3073, 70.8894,
104.4797

■ 45.6762, 59.2392,
9.3198

■ 73.0426, 71.2684,
104.5142

■ 45.3355, 59.0700,
9.0122

■ 73.7882, 71.6528,
104.5491

■ 74.5441, 72.0425,
104.5844

Harmonies

Analogous

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



62.4381, 64.0411, 40.9963



56.4042, 64.0411, 42.6461



51.8671, 64.0411, 50.9051

Triad

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



56.4042, 64.0411, 42.6461



53.8817, 64.0411, 100.5792



73.5071, 64.0411, 74.2807

Complementary

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



56.4042, 64.0411, 42.6461



40.4367, 38.1054, 68.8457

Split Complementary

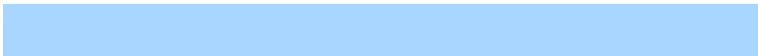
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.8568, 64.0411, 92.7029



56.4042, 64.0411, 42.6461



59.3267, 64.0411, 109.4788

Square

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



56.4042, 64.0411, 42.6461



50.4814, 64.0411, 83.6824



65.5637, 64.0411, 106.3747



72.5923, 64.0411, 57.4214

Rectangle

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



56.4042, 64.0411, 42.6461



50.1644, 64.0411, 59.9452



65.5637, 64.0411, 106.3747



72.9977, 64.0411, 80.5253

Sweetspot

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



56.4059, 64.0439, 42.6475



91.1080, 98.3274, 92.4718



47.6063, 43.8907, 39.2213



19.3506, 20.9822, 19.1744



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.



56.4059, 64.0439, 42.6475



82.0257, 94.4367, 56.2881



49.5911, 60.5308, 42.3285



13.3305, 14.4466, 13.2466



27.4560, 35.7304, 5.4496



1.6957, 2.1755, 0.3305

Inverse Universe

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



40.4367, 38.1054, 68.8457



54.5651, 49.8257, 101.3492



46.5501, 41.2569, 69.1318



11.8695, 12.0741, 15.6425



7.6049, 3.0730, 38.6455



0.5028, 0.2081, 2.3330

Previews

White Background



This preview shows how the XYZ color 56.4042, 64.0411, 42.6461 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 56.4042, 64.0411, 42.6461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

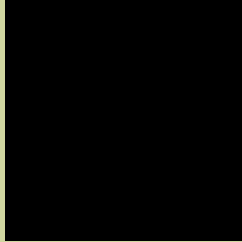
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

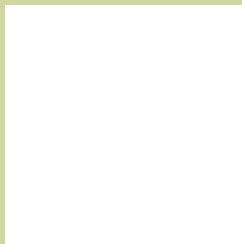
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.4042, 64.0411, 42.6461

Background



This preview shows how black text looks on a background with the XYZ color 56.4042, 64.0411, 42.6461.



This preview shows how white text looks on a background with the XYZ color 56.4042, 64.0411,

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

56.4042, 64.0411, 42.6461

Protanopia

59.7125, 63.9168, 41.5378

Deuteranopia

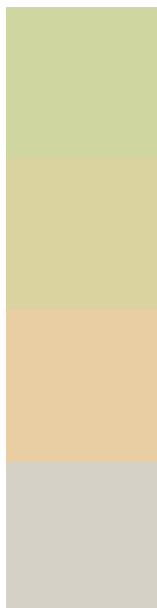
65.1537, 63.8301, 43.5368



Tritanopia

63.5750, 64.0155, 78.1127

Trichromacy



Original Color

56.4042, 64.0411, 42.6461

Protanomaly

58.4657, 63.9972, 42.0721

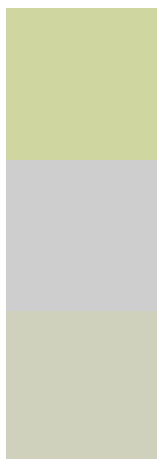
Deuteranomaly

61.8716, 63.9071, 43.2567

Tritanomaly

60.5498, 63.8706, 63.1698

Monochromacy



Original Color

56.4042, 64.0411, 42.6461

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7179, 62.5404, 57.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4042, 64.0411, 42.6461 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(208, 214, 160)` looks like.

```
.text, #text, p{  
    color:rgb(208, 214, 160)  
}
```

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(208, 214, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 214, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.4042, 64.0411, 42.6461 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(208, 214, 160) }
```


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

```
.border{ border-color:rgb(208, 214, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 214, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 214, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 214, 160);  
box-shadow:4px 4px 4px 4px rgb(208, 214,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4042, 64.0411, 42.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 214, 160) }
```

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

```
.background{ background-color: rgb(208,  
214, 160) }
```

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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