

Converting Colors

XYZ(58.0283, 64.4876, 42.6122)

Have a look what the booklet for
XYZ(58.0283, 64.4876, 42.6122)
contains.

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Color

**XYZ(58.1637, 64.5736,
42.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D5A0
RGB	215, 213, 160
RGB Percent	84%, 84%, 63%
CMY	0.1569, 0.1647, 0.3725
CMYK	0.00, 0.01, 0.26, 0.16
HSL	58°, 41%, 74%
HSV	58°, 26%, 84%
XYZ	58.1637, 64.5736, 42.6561
YIQ	207.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

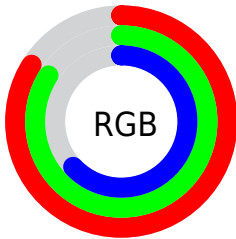
Format	Color
RYB	162, 215, 160
Decimal	14144928
CIELab	84.26, -7.67, 26.53
CIELCh	84, 27.613, 106.134
Yxy	64.5736, 0.3517, 0.3904
Android (android.graphics.Color)	4292335008 (0xFFD7D5A0)
YUV	207.5560, -23.4451, 6.5284
Hunter-Lab	80.3577, -11.4259, 24.7776

Details

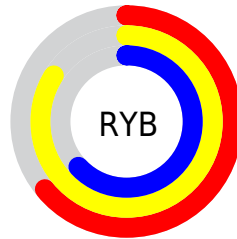
The XYZ color **58.1637, 64.5736, 42.6561** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6831, 38.2196, 69.5757**, and the grayscale version is **59.8068, 62.9214, 68.5214**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **29.4308, 33.0100, 19.0078** is the 20% darker color. If you saturate the color by 10%, you get **56.2482, 63.4965, 33.5272**, and if you desaturate by 10%, it is **60.4088, 65.7885, 53.5012**.

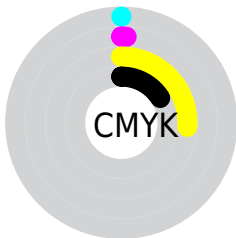
Distribution



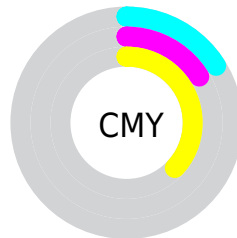
- Red (84%)
- Green (84%)
- Blue (63%)



- Red (64%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1637, 64.5736, 42.6561 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 58.1637, 64.5736, 42.6561 by changing the saturation by 10% instead.

■ 58.1637, 64.5736,
42.6561

■ 58.1637, 64.5736,
42.6561

407.7397,
441.2581, 373.0751

■ 42.1840, 47.1154,
29.2860

■ 101.2828,
111.4366, 80.4724

■ 29.4372, 33.1269,
19.0498

■ 129.1530,
141.6102, 105.7557

■ 19.5577, 22.2237,
11.5291

161.7173,
176.7911, 135.8471

■ 12.1803, 14.0213,
6.3053

199.3412,
217.3636, 171.1652

■ 6.9397, 8.1355,
2.9598

242.3901,
263.7122, 212.1285

■ 3.4704, 4.1818,
1.0742

291.2292,

■ 1.4071, 1.7758,

316.2212, 259.1556

0.0000

346.2239,
375.2750, 312.6649

■ 0.2613, 0.4720,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.1637, 64.5736,
42.6561

■ 58.1637, 64.5736,
42.6561

■ 56.2482, 63.4965,
33.5272

■ 60.4088, 65.7885,
53.5012

■ 54.6406, 62.5419,
26.0221

■ 62.9940, 67.1387,
66.1401

■ 53.3242, 61.7053,
20.0463

■ 65.9355, 68.6329,
80.6508

■ 52.2790, 60.9786,
15.4935

■ 69.2471, 70.2767,
97.1055

■ 51.4822, 60.3528,
12.2442

■ 70.8626, 71.2436,
104.6243

■ 50.9074, 59.8173,
10.1592

■ 71.0640, 71.6463,
104.6914

■ 50.5220, 59.3590,
9.0675

■ 71.2663, 72.0509,
104.7588

■ 50.3863, 59.1708,
8.7655

■ 71.4696, 72.4575,
104.8266

■ 71.6738, 72.8659,
104.8947

Harmonies

Analogous

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



64.2380, 64.5736, 42.4091



58.1637, 64.5736, 42.6561



53.2781, 64.5736, 49.4505

Triad

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



58.1637, 64.5736, 42.6561



53.5784, 64.5736, 97.5061



73.5202, 64.5736, 78.6971

Complementary

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



58.1637, 64.5736, 42.6561



39.6831, 38.2196, 69.5757

Split Complementary

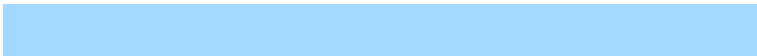
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2539, 64.5736, 96.3377



58.1637, 64.5736, 42.6561



58.5989, 64.5736, 108.3560

Square

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



58.1637, 64.5736, 42.6561



50.7535, 64.5736, 80.0944



64.7029, 64.5736, 107.8960



73.3844, 64.5736, 61.3562

Rectangle

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



58.1637, 64.5736, 42.6561



51.2330, 64.5736, 57.5397



64.7029, 64.5736, 107.8960



72.7749, 64.5736, 84.8416

Sweetspot

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



58.1654, 64.5765, 42.6575



91.7021, 98.2839, 92.4321



47.1842, 42.2249, 40.1972



19.5014, 20.9710, 19.1643



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.



58.1654, 64.5765, 42.6575



83.9237, 94.0969, 54.7876



51.9438, 62.1186, 42.5110



13.4324, 14.4391, 13.2398



30.1546, 35.4265, 5.2487



1.8311, 2.1614, 0.3207

Inverse Universe

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



39.6831, 38.2196, 69.5757



52.0267, 48.6112, 101.2485



44.7845, 40.3320, 69.7146



11.7784, 12.0801, 15.6484



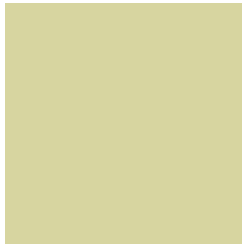
7.4037, 3.0691, 38.6553



0.4596, 0.2111, 2.3358

Previews

White Background



This preview shows how the XYZ color 58.1637, 64.5736, 42.6561 looks on a white background.

Color Contrast Check

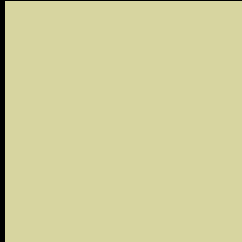
Large Text (above 18pt) WCAG AA × Fail

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 58.1637, 64.5736, 42.6561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

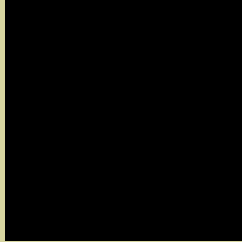
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

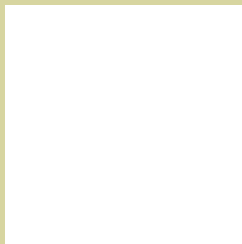
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1637, 64.5736, 42.6561

Background



This preview shows how black text looks on a background with the XYZ color 58.1637, 64.5736, 42.6561.



This preview shows how white text looks on a background with the XYZ color 58.1637, 64.5736,

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

58.1637, 64.5736, 42.6561

Protanopia

60.3559, 64.6039, 42.0896

Deuteranopia

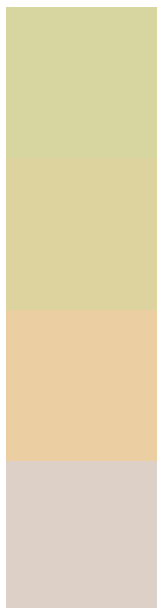
65.6482, 64.4425, 43.1610



Tritanopia

65.3139, 64.5711, 77.4277

Trichromacy



Original Color

58.1637, 64.5736, 42.6561

Protanomaly

59.3711, 64.4639, 42.1145

Deuteranomaly

62.7653, 64.3780, 42.8363

Tritanomaly

62.3799, 64.4509, 63.1853

Monochromacy



Original Color

58.1637, 64.5736, 42.6561

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3145, 63.7037, 58.4600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1637, 64.5736, 42.6561 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, 213, 160) looks like.

```
.text, #text, p{  
    color:rgb(215, 213, 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(215, 213, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 213, 160) }
```

Border

The CSS property to change the border of an element to XYZ 58.1637, 64.5736, 42.6561 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, 213, 160) }
```


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

```
.border{ border-color:rgb(215, 213, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 213, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 213, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 213, 160);  
box-shadow:4px 4px 4px 4px rgb(215, 213,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1637, 64.5736, 42.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 213, 160) }
```

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

```
.background{ background-color: rgb(215,  
213, 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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