

Converting Colors

XYZ(58.3574, 64.9406, 45.7831)

Have a look what the booklet for
XYZ(58.3574, 64.9406, 45.7831)
contains.

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Color

**XYZ(58.4622, 65.0293,
46.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D6A7
RGB	213, 214, 167
RGB Percent	84%, 84%, 65%
CMY	0.1647, 0.1608, 0.3451
CMYK	0.00, 0.00, 0.22, 0.16
HSL	61°, 36%, 75%
HSV	61°, 22%, 84%
XYZ	58.4622, 65.0293, 46.0298
YIQ	208.3430, 14.4910, -14.8290

Conversions

Conversions Part 2

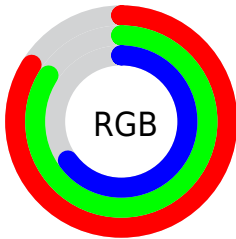
Format	Color
RYB	167, 214, 168
Decimal	14014119
CIELab	84.50, -7.96, 23.17
CIELCh	84, 24.501, 108.966
Yxy	65.0293, 0.3449, 0.3836
Android (android.graphics.Color)	4292204199 (0xFFD5D6A7)
YUV	208.3430, -20.3821, 4.0842
Hunter-Lab	80.6407, -11.7140, 22.6057

Details

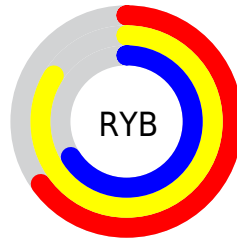
The XYZ color **58.4622, 65.0293, 46.0298** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1072, 40.8190, 69.2815**, and the grayscale version is **60.2998, 63.4401, 69.0863**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **29.5932, 33.3032, 21.0881** is the 20% darker color. If you saturate the color by 10%, you get **56.5135, 64.2367, 36.4521**, and if you desaturate by 10%, it is **60.7421, 65.9588, 57.3346**.

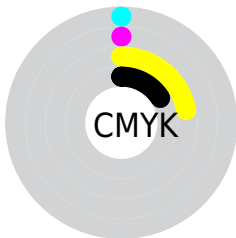
Distribution



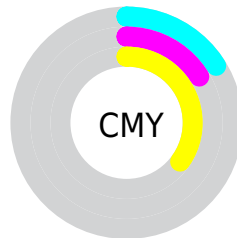
- Red (84%)
- Green (84%)
- Blue (65%)



- Red (65%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4622, 65.0293, 46.0298 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 58.4622, 65.0293, 46.0298 by changing the saturation by 10% instead.

■ 58.4622, 65.0293,
46.0298

■ 58.4622, 65.0293,
46.0298

408.8321,
442.8973, 387.2095

■ 42.4250, 47.4848,
31.9205

■ 101.7147,
112.0920, 85.5983

■ 29.6268, 33.4191,
21.0365

■ 129.6608,
142.3790, 111.8947

■ 19.7022, 22.4477,
12.9592

162.3072,
177.6823, 143.0904

■ 12.2857, 14.1862,
7.2700

200.0194,
218.3863, 179.6042

■ 7.0122, 8.2503,
3.5505

243.1626,
264.8754, 221.8544

■ 3.5161, 4.2555,
1.3822

292.1022,

■ 1.4322, 1.8175,

317.5340, 270.2597

0.1277

347.2036,
376.7465, 325.2385

■ 0.2790, 0.4980,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4622, 65.0293,
46.0298

■ 58.4622, 65.0293,
46.0298

■ 56.5135, 64.2367,
36.4521

■ 60.7421, 65.9588,
57.3346

■ 54.8748, 63.5660,
28.5127

■ 63.3632, 67.0227,
70.4412

■ 53.5303, 63.0130,
22.1208

■ 66.3411, 68.2293,
85.4251

■ 52.4610, 62.5701,
17.1756

■ 69.6892, 69.5840,
102.3561

■ 51.6453, 62.2286,
13.5642

■ 70.2070, 69.8066,
104.3815

■ 51.0586, 61.9789,
11.1568

■ 70.3418, 69.8761,
104.3878

■ 50.6715, 61.8090,
9.7981

■ 70.4769, 69.9458,
104.3941

■ 50.4643, 61.7140,
9.2522

■ 70.6125, 70.0157,
104.4004

■ 70.7484, 70.0857,
104.4068

Harmonies

Analogous

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



63.8375, 65.0293, 45.2276



58.4622, 65.0293, 46.0298



54.2302, 65.0293, 52.8609

Triad

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



58.4622, 65.0293, 46.0298



55.1757, 65.0293, 95.9647



72.6841, 65.0293, 76.7116

Complementary

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



58.4622, 65.0293, 46.0298



42.1072, 40.8190, 69.2815

Split Complementary

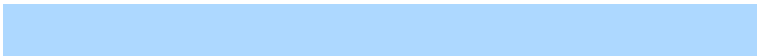
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0617, 65.0293, 92.4118



58.4622, 65.0293, 46.0298



59.8227, 65.0293, 104.5670

Square

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



58.4622, 65.0293, 46.0298



52.4112, 65.0293, 81.0229



65.2799, 65.0293, 103.1788



72.2666, 65.0293, 61.4860

Rectangle

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



58.4622, 65.0293, 46.0298



52.5273, 65.0293, 60.5631



65.2799, 65.0293, 103.1788



72.1230, 65.0293, 82.1429

Sweetspot

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



58.4639, 65.0322, 46.0312



92.1677, 98.8309, 94.4542



48.6714, 45.0131, 42.6832



19.6771, 21.1334, 19.9643



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.



58.4639, 65.0322, 46.0312



85.6332, 96.1733, 62.0235



52.1886, 61.7971, 45.7375



13.4454, 14.5058, 13.2520



30.5127, 37.3062, 5.5926



1.8489, 2.2545, 0.3377

Inverse Universe

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



42.1072, 40.8190, 69.2815



57.4477, 54.4485, 102.0895



47.5155, 43.6070, 69.5346



11.7669, 12.0212, 15.6377



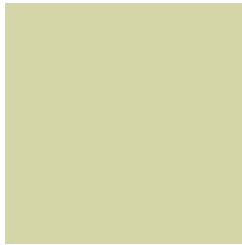
7.3821, 2.9581, 38.6351



0.4541, 0.1830, 2.3307

Previews

White Background



This preview shows how the XYZ color 58.4622, 65.0293, 46.0298 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 58.4622, 65.0293, 46.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

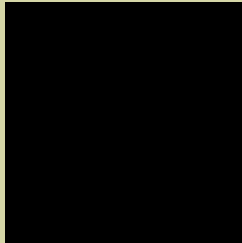
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

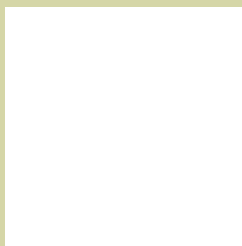
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4622, 65.0293, 46.0298

Background



This preview shows how black text looks on a background with the XYZ color 58.4622, 65.0293, 46.0298.



This preview shows how white text looks on a background with the XYZ color 58.4622, 65.0293,

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

58.4622, 65.0293, 46.0298

Protanopia

60.5786, 64.6571, 44.8845

Deuteranopia

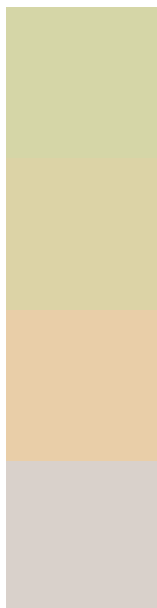
65.9382, 64.5181, 46.5140



Tritanopia

64.9058, 64.6860, 78.8768

Trichromacy



Original Color

58.4622, 65.0293, 46.0298

Protanomaly

59.6924, 64.5573, 45.3911

Deuteranomaly

62.7435, 64.2934, 46.1487

Tritanomaly

62.1952, 64.6644, 65.7034

Monochromacy



Original Color

58.4622, 65.0293, 46.0298

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2506, 63.6451, 59.6140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4622, 65.0293, 46.0298 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(213, 214, 167)` looks like.

```
.text, #text, p{  
    color:rgb(213, 214, 167)  
}
```

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(213, 214, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 214, 167) }
```

Border

The CSS property to change the border of an element to XYZ 58.4622, 65.0293, 46.0298 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(213, 214, 167) }
```


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

```
.border{ border-color:rgb(213, 214, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 214, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 214, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 214, 167);  
box-shadow:4px 4px 4px 4px rgb(213, 214,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4622, 65.0293, 46.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 214, 167) }
```

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

```
.background{ background-color: rgb(213,  
214, 167) }
```

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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