

Converting Colors

XYZ(58.9338, 65.3318, 25.9225)

Have a look what the booklet for
XYZ(58.9338, 65.3318, 25.9225)
contains.

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Color

**XYZ(58.9415, 65.3434,
26.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D574
RGB	228, 213, 116
RGB Percent	89%, 84%, 45%
CMY	0.1059, 0.1647, 0.5451
CMYK	0.00, 0.07, 0.49, 0.11
HSL	52°, 67%, 67%
HSV	52°, 49%, 89%
XYZ	58.9415, 65.3434, 26.0290
YIQ	206.4270, 40.0770, -26.9870

Conversions

Conversions Part 2

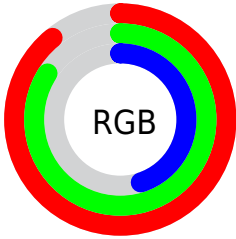
Format	Color
RYB	133, 228, 116
Decimal	14996852
CIELab	84.66, -7.50, 49.43
CIELCh	85, 49.992, 98.628
Yxy	65.3434, 0.3921, 0.4347
Android (android.graphics.Color)	4293186932 (0xFFE4D574)
YUV	206.4270, -44.5805, 18.9195
Hunter-Lab	80.8353, -11.3074, 37.4933

Details

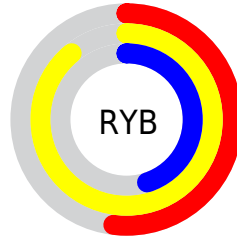
The XYZ color **58.9415, 65.3434, 26.0290** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3222, 25.5462, 76.7839**, and the grayscale version is **59.2004, 62.2834, 67.8267**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **29.9011, 33.7125, 9.7817** is the 20% darker color. If you saturate the color by 10%, you get **57.0147, 63.3581, 19.6274**, and if you desaturate by 10%, it is **61.2114, 67.4939, 34.1520**.

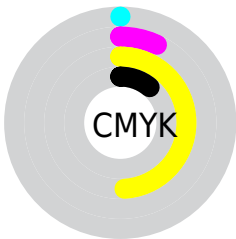
Distribution



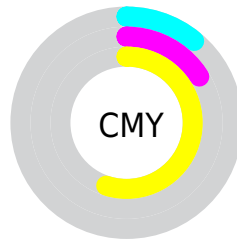
- Red (89%)
- Green (84%)
- Blue (45%)



- Red (52%)
- Yellow (89%)
- Blue (45%)



- Cyan (0%)
- Magenta (7%)
- Yellow (49%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9415, 65.3434, 26.0290 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 58.9415, 65.3434, 26.0290 by changing the saturation by 10% instead.

■ 58.9415, 65.3434,
26.0290

■ 58.9415, 65.3434,
26.0290

410.5826,
444.0250, 296.5344

■ 42.8122, 47.7396,
16.6194

■ 102.4077,
112.5434, 54.3064

■ 29.9317, 33.6207,
9.8044

■ 130.4754,
142.9084, 74.0112

■ 19.9346, 22.6024,
5.1656

■ 163.2533,
178.2959, 97.9849

■ 12.4555, 14.3002,
2.2843

201.1067,
219.0903, 126.6459

■ 7.1291, 8.3297,
0.7224

244.4009,
265.6760, 160.4128

■ 3.5900, 4.3067,
0.0000

293.5014,

■ 1.4729, 1.8465,

318.4375, 199.7042

0.0000

348.7736,
377.7590, 244.9385

■ 0.3073, 0.5159,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.9415, 65.3434,
26.0290

■ 58.9415, 65.3434,
26.0290

■ 57.0147, 63.3581,
19.6274

■ 61.2114, 67.4939,
34.1520

■ 55.4019, 61.5190,
14.8156


■ 63.8415, 69.8092,
44.1073


■ 54.0771, 59.8180,
11.4494


■ 66.8534, 72.3007,
56.0009


■ 53.0074, 58.2418,
9.3566


■ 70.2655, 74.9758,
69.9298


 52.1414, 56.7696,
8.2670


 74.0952, 77.8415,
85.9845

 52.0693, 56.6430,
8.1888

 78.3585, 80.9043,
104.2498

 79.5737, 82.7718,
106.3903

 80.4521, 84.5286,
106.6831

 81.3455, 86.3154,
106.9809

Harmonies

Analogous

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



70.2633, 65.3434, 27.8778



58.9415, 65.3434, 26.0290



49.6460, 65.3434, 33.1144

Triad

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



58.9415, 65.3434, 26.0290



46.8001, 65.3434, 116.8454



84.3207, 65.3434, 95.9873

Complementary

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



58.9415, 65.3434, 26.0290



29.3222, 25.5462, 76.7839

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.



76.4959, 65.3434, 130.7982



58.9415, 65.3434, 26.0290



54.6076, 65.3434, 145.1349

Square

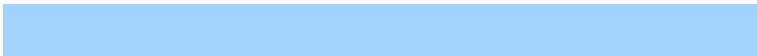
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.9415, 65.3434, 26.0290



43.2079, 65.3434, 80.7763



65.3837, 65.3434, 150.8902



85.8418, 65.3434, 62.3166

Rectangle

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



58.9415, 65.3434, 26.0290



45.5213, 65.3434, 43.7004



65.3837, 65.3434, 150.8902



82.2990, 65.3434, 108.1946

Sweetspot

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



58.9431, 65.3464, 26.0303



87.8800, 94.5530, 79.0941



42.4605, 30.6733, 25.8014



18.6151, 20.0839, 16.1391



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.



58.9431, 65.3464, 26.0303



73.4346, 81.6063, 25.1248



51.8327, 67.5409, 26.8287



15.4284, 16.4707, 15.2705



30.1305, 32.8351, 4.7498



2.2724, 2.5180, 0.3663

Inverse Universe

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



29.3222, 25.5462, 76.7839



31.1176, 24.7853, 97.7517



33.8056, 25.0814, 76.4579



13.7376, 14.1966, 18.1605



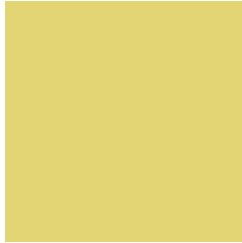
8.4107, 3.8835, 42.6895



0.6716, 0.3872, 3.1713

Previews

White Background



This preview shows how the XYZ color 58.9415, 65.3434, 26.0290 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 58.9415, 65.3434, 26.0290 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 58.9415, 65.3434, 26.0290

Background



This preview shows how black text looks on a background with the XYZ color 58.9415, 65.3434, 26.0290.



This preview shows how white text looks on a background with the XYZ color 58.9415, 65.3434,

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

58.9415, 65.3434, 26.0290

Protanopia

59.9931, 65.1500, 25.6329

Deuteranopia

66.2568, 65.0596, 29.4877



Tritanopia

68.6709, 64.9602, 74.5649

Trichromacy



Original Color

58.9415, 65.3434, 26.0290

Protanomaly

59.5930, 65.3137, 25.6856

Deuteranomaly

63.3656, 65.0103, 28.2773

Tritanomaly

64.0012, 64.4504, 52.2470

Monochromacy



Original Color

58.9415, 65.3434, 26.0290

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0748, 62.9142, 48.6179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9415, 65.3434, 26.0290 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(228, 213, 116)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 116)  
}
```

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(228, 213, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 116) }
```

Border

The CSS property to change the border of an element to XYZ 58.9415, 65.3434, 26.0290 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(228, 213, 116) }
```


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

```
.border{ border-color:rgb(228, 213, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 213, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 213, 116); box-shadow:4px 4px 4px 4px rgb(228, 213, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9415, 65.3434, 26.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 116) }
```

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

```
.background{ background-color: rgb(228,  
213, 116) }
```

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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