

Converting Colors

XYZ(59.9075, 66.7016, 34.5499)

Have a look what the booklet for
XYZ(59.9075, 66.7016, 34.5499)
contains.

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Color

**XYZ(60.0300, 66.8525,
34.5508)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D88C
RGB	224, 216, 140
RGB Percent	88%, 85%, 55%
CMY	0.1216, 0.1529, 0.4510
CMYK	0.00, 0.04, 0.37, 0.12
HSL	54°, 58%, 71%
HSV	54°, 37%, 88%
XYZ	60.0300, 66.8525, 34.5508
YIQ	209.7280, 29.1640, -21.9400

Conversions

Conversions Part 2

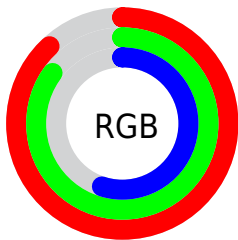
Format	Color
RYB	149, 224, 140
Decimal	14735500
CIELab	85.43, -8.21, 38.46
CIELCh	85, 39.329, 102.044
Yxy	66.8525, 0.3719, 0.4141
Android (android.graphics.Color)	4292925580 (0xFFE0D88C)
YUV	209.7280, -34.3759, 12.5165
Hunter-Lab	81.7634, -12.0327, 32.1802

Details

The XYZ color **60.0300, 66.8525, 34.5508** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8595, 32.1362, 74.8867**, and the grayscale version is **61.2865, 64.4782, 70.2167**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **30.4844, 34.4265, 14.4895** is the 20% darker color. If you saturate the color by 10%, you get **58.0016, 65.1752, 26.5389**, and if you desaturate by 10%, it is **62.4050, 68.6845, 44.3385**.

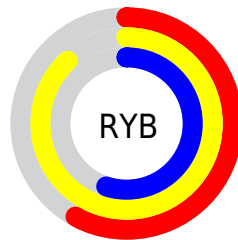
Distribution



Red (88%)

Green (85%)

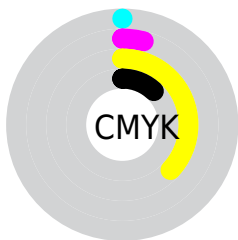
Blue (55%)



Red (58%)

Yellow (88%)

Blue (55%)

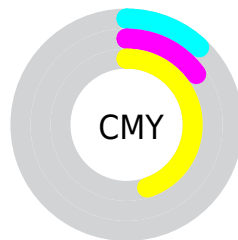


Cyan (0%)

Magenta (4%)

Yellow (37%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0300, 66.8525, 34.5508 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 60.0300, 66.8525, 34.5508 by changing the saturation by 10% instead.

60.0300, 66.8525,
34.5508

60.0300, 66.8525,
34.5508

414.5413,
449.4196, 337.4249

43.6924, 48.9648,
23.0363

103.9793,
114.7090, 67.9330

30.6256, 34.5915,
14.4147

132.3216,
145.4466, 90.6377

20.4643, 23.3484,
8.2677

165.3963,
181.2363, 117.9095

12.8432, 14.8510,
4.1765

203.5686,
222.4624, 150.1671

7.3969, 8.7149,
1.7226

247.2039,
269.5094, 187.8289

3.7601, 4.5557,
0.3762

296.6675,

1.5673, 1.9890,

322.7617, 231.3134

0.0000

352.3249,
382.6036, 281.0392

■ 0.3710, 0.6011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0300, 66.8525,
34.5508

■ 60.0300, 66.8525,
34.5508

■ 58.0016, 65.1752,
26.5389

■ 62.4050, 68.6845,
44.3385

■ 56.2943, 63.6353,
20.1905

■ 65.1406, 70.6698,
55.9969

■ 54.8870, 62.2267,
15.3871

■ 68.2558, 72.8183,
69.6191

■ 53.7539, 60.9389,
11.9926

■ 71.7668, 75.1366,
85.2907

■ 52.8644, 59.7598,
9.8473

■ 75.6891, 77.6309,
103.0923

■ 52.1779, 58.6729,
8.7358

■ 76.7537, 78.9937,
105.8097

■ 52.0213, 58.4089,
8.5322

■ 77.3465, 80.1794,
106.0073

■ 77.9466, 81.3796,
106.2073

■ 78.5540, 82.5944,
106.4098

Harmonies

Analogous

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



68.9758, 66.8525, 35.3548



60.0300, 66.8525, 34.5508



52.7353, 66.8525, 42.0719

Triad

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



60.0300, 66.8525, 34.5508



51.6384, 66.8525, 110.8822



81.2898, 66.8525, 89.0053

Complementary

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



60.0300, 66.8525, 34.5508



34.8595, 32.1362, 74.8867

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.



75.7309, 66.8525, 115.6924



60.0300, 66.8525, 34.5508



58.4000, 66.8525, 130.2169

Square

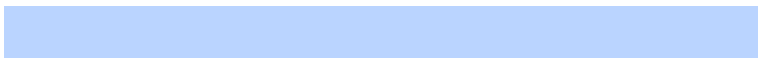
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.0300, 66.8525, 34.5508



48.2030, 66.8525, 83.5266



67.1869, 66.8525, 132.1586



81.8305, 66.8525, 63.0171

Rectangle

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



60.0300, 66.8525, 34.5508



49.5661, 66.8525, 52.1101



67.1869, 66.8525, 132.1586



79.9236, 66.8525, 98.3265

Sweetspot

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



60.0317, 66.8556, 34.5522



90.0125, 96.6318, 86.5445



45.4961, 36.7550, 32.8806



19.1431, 20.5985, 17.9842



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.



60.0317, 66.8556, 34.5522



78.3665, 87.9097, 37.7456



52.7250, 66.2038, 34.8115



14.7544, 15.7948, 14.5778



30.3265, 34.0909, 4.9818



2.1349, 2.4288, 0.3563

Inverse Universe

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



34.8595, 32.1362, 74.8867



40.0016, 35.0055, 99.2562



40.1998, 33.0916, 74.7897



13.0564, 13.4520, 17.2960



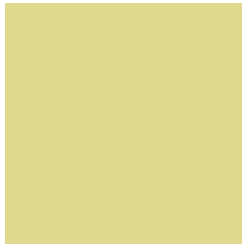
8.0281, 3.5257, 41.3058



0.5929, 0.3172, 2.8752

Previews

White Background



This preview shows how the XYZ color 60.0300, 66.8525, 34.5508 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 60.0300, 66.8525, 34.5508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

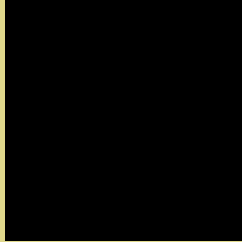
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0300, 66.8525, 34.5508

Background



This preview shows how black text looks on a background with the XYZ color 60.0300, 66.8525, 34.5508.



This preview shows how white text looks on a background with the XYZ color 60.0300, 66.8525,

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

60.0300, 66.8525, 34.5508

Protanopia

61.7332, 66.6084, 34.0291

Deuteranopia

67.9437, 66.4901, 36.0409



Tritanopia

68.8604, 66.7402, 78.3600

Trichromacy



Original Color

60.0300, 66.8525, 34.5508

Protanomaly

61.0199, 66.6152, 34.0680

Deuteranomaly

64.8220, 66.3280, 35.3727

Tritanomaly

65.1941, 66.7220, 59.3117

Monochromacy



Original Color

60.0300, 66.8525, 34.5508

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.3248, 65.0368, 55.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0300, 66.8525, 34.5508 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(224, 216, 140)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 140)  
}
```

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(224, 216, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 140) }
```

Border

The CSS property to change the border of an element to XYZ 60.0300, 66.8525, 34.5508 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(224, 216, 140) }
```


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

```
.border{ border-color:rgb(224, 216, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 140);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0300, 66.8525, 34.5508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 140) }
```

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

```
.background{ background-color: rgb(224,  
216, 140) }
```

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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