

Converting Colors

XYZ(46.5668, 35.8302, 25.9698)

Have a look what the booklet for
XYZ(46.5668, 35.8302, 25.9698)
contains.

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Color

**XYZ(46.6089, 35.8034,
25.9269)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8483
RGB	235, 132, 131
RGB Percent	92%, 52%, 51%
CMY	0.0784, 0.4823, 0.4863
CMYK	0.00, 0.44, 0.44, 0.08
HSL	1°, 72%, 72%
HSV	1°, 44%, 92%
XYZ	46.6089, 35.8034, 25.9269
YIQ	162.6830, 61.7090, 21.5250

Conversions

Conversions Part 2

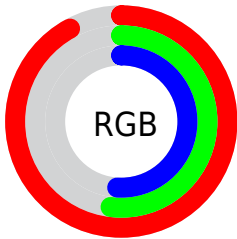
Format	Color
RYB	235, 132, 131
Decimal	15434883
CIELab	66.37, 39.25, 18.05
CIELCh	66, 43.200, 24.701
Yxy	35.8034, 0.4302, 0.3305
Android (android.graphics.Color)	4293624963 (0xFFEB8483)
YUV	162.6830, -15.6197, 63.4220
Hunter-Lab	59.8359, 34.3288, 16.1948

Details

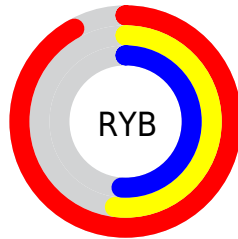
The XYZ color **46.6089, 35.8034, 25.9269** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.7766, 69.6655, 89.2094**, and the grayscale version is **34.7152, 36.5231, 39.7736**.

A 20% lighter version of the original color is **67.6621, 60.2613, 53.4128**, and **22.2961, 15.5766, 9.8141** is the 20% darker color. If you saturate the color by 10%, you get **42.3814, 29.6149, 17.5310**, and if you desaturate by 10%, it is **51.9033, 43.5478, 36.4610**.

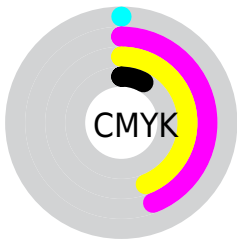
Distribution



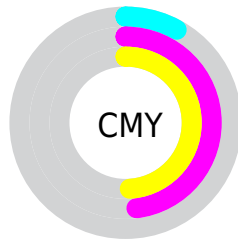
- Red (92%)
- Green (52%)
- Blue (51%)



- Red (92%)
- Yellow (52%)
- Blue (51%)



- Cyan (0%)
- Magenta (44%)
- Yellow (44%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.6089, 35.8034, 25.9269 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 46.6089, 35.8034, 25.9269 by changing the saturation by 10% instead.


 46.6089, 35.8034,
25.9269

 46.6089, 35.8034,
25.9269

363.9263,
328.1004, 296.0171

 32.9332, 24.2824,
16.5437


 84.3518, 68.7285,
54.1396

 22.2343, 15.5432,
9.7512


 109.1498, 90.9014,
73.8062

 14.1467, 9.2015,
5.1309


 138.3860,
117.3937, 97.7377

 8.3052, 4.8729,
2.2642

172.4256,
148.5899, 126.3526

 4.3443, 2.1729,
0.7110

211.6341,
184.8742, 160.0694

 1.8987, 0.7051,
0.0000

256.3768,

 0.5761, 0.0000,

226.6311, 199.3068

0.0000

307.0191,
274.2451, 244.4831

■ 0.0000, 0.0000,
0.0000

■ 46.6089, 35.8034,
25.9269

■ 46.6089, 35.8034,
25.9269

■ 42.3814, 29.6149,
17.5310

■ 51.9033, 43.5478,
36.4610

■ 39.1460, 24.8721,
11.1253

■ 58.3273, 52.9375,
49.2637

■ 36.8227, 21.4595,
6.5461

■ 65.9419, 64.0617,
64.4574

■ 35.3175, 19.2412,
3.6028

■ 74.8031, 77.0016,
82.1550

■ 34.5168, 18.0526,
2.0632

■ 84.9632, 91.8332,
102.4624

■ 34.2855, 17.7114,
1.6116

■ 88.0708, 96.4021,
108.5734

Harmonies

Analogous

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



47.9581, 35.8034, 42.3623



46.6089, 35.8034, 25.9269



41.7245, 35.8034, 16.5606

Triad

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



46.6089, 35.8034, 25.9269



24.8653, 35.8034, 21.8285



32.8958, 35.8034, 86.2203

Complementary

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



46.6089, 35.8034, 25.9269



53.7766, 69.6655, 89.2094

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.



27.3450, 35.8034, 75.8239



46.6089, 35.8034, 25.9269



23.0992, 35.8034, 35.7899

Square

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



46.6089, 35.8034, 25.9269



29.0985, 35.8034, 14.7726



23.9463, 35.8034, 55.8204



39.4895, 35.8034, 81.0590

Rectangle

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



46.6089, 35.8034, 25.9269



37.4140, 35.8034, 13.7525



23.9463, 35.8034, 55.8204



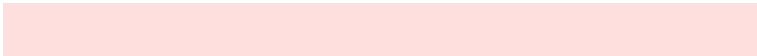
30.8566, 35.8034, 84.3520

Sweetspot

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



46.6098, 35.8052, 25.9276



80.5713, 78.8591, 79.9766



57.3726, 39.8931, 83.2732



16.7749, 16.1917, 16.1787



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.



46.6098, 35.8052, 25.9276



51.4776, 36.3254, 22.0199



55.2912, 53.1679, 28.8214



15.0772, 15.0773, 15.6343



19.0868, 9.8678, 0.8987



1.5029, 0.7831, 0.0719

Inverse Universe

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



53.7766, 69.6655, 89.2094



61.1193, 81.8911, 107.1930



41.2891, 44.6906, 85.0469



15.5045, 17.0954, 19.4048



24.5257, 35.6984, 49.3408



1.9299, 2.8113, 3.8758

Previews

White Background



This preview shows how the XYZ color 46.6089, 35.8034, 25.9269 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 46.6089, 35.8034, 25.9269 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 46.6089, 35.8034, 25.9269

Background



This preview shows how black text looks on a background with the XYZ color 46.6089, 35.8034, 25.9269.



This preview shows how white text looks on a background with the XYZ color 46.6089, 35.8034,

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

46.6089, 35.8034, 25.9269

Protanopia

34.2179, 35.9691, 31.9273

Deuteranopia

36.5384, 35.7938, 25.0618



Tritanopia

47.4420, 35.9589, 29.2512

Trichromacy



Original Color

46.6089, 35.8034, 25.9269

Protanomaly

37.6323, 35.0436, 29.5916

Deuteranomaly

39.7836, 35.5478, 25.1867

Tritanomaly

47.2237, 35.8716, 28.1019

Monochromacy



Original Color

46.6089, 35.8034, 25.9269

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

37.8004, 35.5097, 34.1399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.6089, 35.8034, 25.9269 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(235, 132, 131)` looks like.

```
.text, #text, p{  
    color:rgb(235, 132, 131)  
}
```

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(235, 132, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 132, 131) }
```

Border

The CSS property to change the border of an element to XYZ 46.6089, 35.8034, 25.9269 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(235, 132, 131) }
```


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

```
.border{ border-color:rgb(235, 132, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 132, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 132, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 132, 131);  
box-shadow:4px 4px 4px 4px rgb(235, 132,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 46.6089, 35.8034, 25.9269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 132, 131) }
```

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

```
.background{ background-color: rgb(235,  
132, 131) }
```

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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