

Converting Colors

XYZ(44.4096, 34.2303, 25.9205)

Have a look what the booklet for
XYZ(44.4096, 34.2303, 25.9205)
contains.

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Color

**XYZ(44.4606, 34.2892,
26.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	E58284
RGB	229, 130, 132
RGB Percent	90%, 51%, 52%
CMY	0.1020, 0.4902, 0.4823
CMYK	0.00, 0.43, 0.42, 0.10
HSL	359°, 66%, 70%
HSV	359°, 43%, 90%
XYZ	44.4606, 34.2892, 26.1049
YIQ	159.8290, 58.3620, 21.6100

Conversions

Conversions Part 2

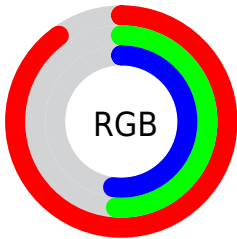
Format	Color
R _Y B	229, 130, 132
Decimal	15041156
CIE Lab	65.19, 38.17, 15.74
CIE LCh	65, 41.289, 22.407
Yxy	34.2892, 0.4240, 0.3270
Android (android.graphics.Color)	4293231236 (0xFFE58284)
YUV	159.8290, -13.7197, 60.6630
Hunter-Lab	58.5570, 33.0551, 14.5582

Details

The XYZ color **44.4606, 34.2892, 26.1049** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.0921, 66.3313, 82.7874**, and the grayscale version is **33.3781, 35.1163, 38.2417**.

A 20% lighter version of the original color is **67.1374, 59.0438, 53.7570**, and **20.8633, 14.6194, 9.9058** is the 20% darker color. If you saturate the color by 10%, you get **40.3726, 28.3119, 17.9641**, and if you desaturate by 10%, it is **49.5584, 41.7576, 36.2121**.

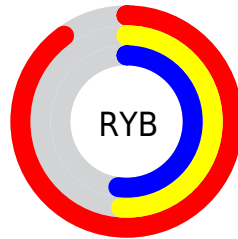
Distribution



Red (90%)

Green (51%)

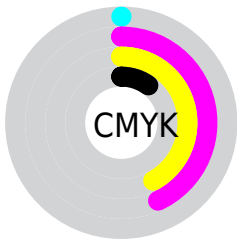
Blue (52%)



Red (90%)

Yellow (51%)

Blue (52%)

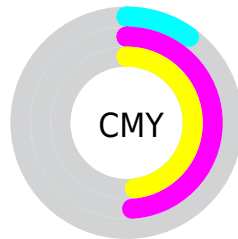


Cyan (0%)

Magenta (43%)

Yellow (42%)

Black (10%)



Cyan (10%)


Magenta (49%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.4606, 34.2892, 26.1049 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 44.4606, 34.2892, 26.1049 by changing the saturation by 10% instead.


 44.4606, 34.2892,
26.1049

 44.4606, 34.2892,
26.1049


355.4051,
321.4197, 296.9185

 31.2322, 23.1159,
16.6757


 81.1524, 66.3831,
54.4303

 20.9285, 14.6791,
9.8440


 105.3466, 88.0725,
74.1635

 13.1839, 8.5945,
5.1914


 133.9268,
114.0361, 98.1685

 7.6332, 4.4776,
2.2993

167.2584,
144.6581, 126.8638

 3.9109, 1.9442,
0.7308

205.7066,
180.3231, 160.6679

 1.6519, 0.5747,
0.0000

249.6369,

 0.4259, 0.0000,

221.4155, 199.9993

0.0000

299.4146,
268.3195, 245.2767

■ 0.0000, 0.0000,
0.0000

■ 44.4606, 34.2892,
26.1049

■ 44.4606, 34.2892,
26.1049

■ 40.3726, 28.3119,
17.9641

■ 49.5584, 41.7576,
36.2121

■ 37.2248, 23.7209,
11.6600

■ 55.7241, 50.8023,
48.4001

■ 34.9433, 20.4063,
7.0504

■ 63.0146, 61.5081,
62.7768

■ 33.4416, 18.2393,
3.9717

■ 71.4820, 73.9525,
79.4422

■ 32.6157, 17.0640,
2.2275

■ 81.1749, 88.2080,
98.4899

■ 32.3384, 16.6681,
1.6453

■ 86.1231, 95.3980,
108.4822

Harmonies

Analogous

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



45.4142, 34.2892, 41.8724



44.4606, 34.2892, 26.1049



40.1465, 34.2892, 16.7996

Triad

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



44.4606, 34.2892, 26.1049



24.2785, 34.2892, 20.5905



31.0904, 34.2892, 80.5884

Complementary

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



44.4606, 34.2892, 26.1049



51.0921, 66.3313, 82.7874

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.



26.0482, 34.2892, 70.1062



44.4606, 34.2892, 26.1049



22.4418, 34.2892, 33.1380

Square

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



44.4606, 34.2892, 26.1049



28.3885, 34.2892, 14.3646



23.0475, 34.2892, 51.3970



37.1887, 34.2892, 76.9619

Rectangle

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



44.4606, 34.2892, 26.1049



36.2031, 34.2892, 13.8683



23.0475, 34.2892, 51.3970



29.2272, 34.2892, 78.5096

Sweetspot

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



44.4615, 34.2909, 26.1055



80.5758, 78.7246, 80.4203



53.3964, 37.7444, 78.5998



16.7760, 16.1591, 16.2861



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.



44.4615, 34.2909, 26.1055



51.9550, 36.7600, 23.7831



51.9080, 49.4004, 27.9207



14.3887, 14.3727, 14.9814



18.4947, 9.5321, 0.9684



1.3709, 0.7061, 0.0935

Inverse Universe

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



44.4615, 34.2909, 26.1055



51.9550, 36.7600, 23.7831



40.2426, 44.1892, 80.5371



14.3887, 14.3727, 14.9814



18.4947, 9.5321, 0.9684



1.3709, 0.7061, 0.0935

Previews

White Background



This preview shows how the XYZ color 44.4606, 34.2892, 26.1049 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 44.4606, 34.2892, 26.1049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

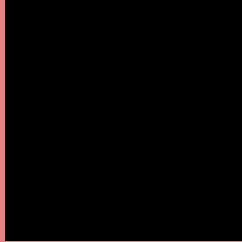
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4606, 34.2892, 26.1049

Background



This preview shows how black text looks on a background with the XYZ color 44.4606, 34.2892, 26.1049.



This preview shows how white text looks on a background with the XYZ color 44.4606, 34.2892,

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

44.4606, 34.2892, 26.1049

Protanopia

32.7250, 34.4216, 32.1134

Deuteranopia

35.1321, 34.3293, 25.1966



Tritanopia

45.0708, 34.3585, 28.3011

Trichromacy



Original Color

44.4606, 34.2892, 26.1049

Protanomaly

36.1367, 33.7943, 29.8176

Deuteranomaly

38.0231, 33.9490, 25.3177

Tritanomaly

44.9273, 34.3011, 27.5454

Monochromacy



Original Color

44.4606, 34.2892, 26.1049

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

36.2601, 34.0112, 33.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4606, 34.2892, 26.1049 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(229, 130, 132)` looks like.

```
.text, #text, p{  
    color:rgb(229, 130, 132)  
}
```

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(229, 130, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 130, 132) }
```

Border

The CSS property to change the border of an element to XYZ 44.4606, 34.2892, 26.1049 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(229, 130, 132) }
```


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

```
.border{ border-color:rgb(229, 130, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 130, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 130, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 130, 132);  
box-shadow:4px 4px 4px 4px rgb(229, 130,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4606, 34.2892, 26.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 130, 132) }
```

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

```
.background{ background-color: rgb(229,  
130, 132) }
```

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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