

Converting Colors

XYZ(55.3399, 45.9785, 33.9344)

Have a look what the booklet for
XYZ(55.3399, 45.9785, 33.9344)
contains.

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Color

**XYZ(55.5782, 46.1847,
34.0022)**

Conversions

Conversions Part 1

Format	Color
Hex	F69E94
RGB	246, 158, 148
RGB Percent	96%, 62%, 58%
CMY	0.0353, 0.3804, 0.4196
CMYK	0.00, 0.36, 0.40, 0.04
HSL	6°, 84%, 77%
HSV	6°, 40%, 96%
XYZ	55.5782, 46.1847, 34.0022
YIQ	183.1720, 55.6580, 15.5460

Conversions

Conversions Part 2

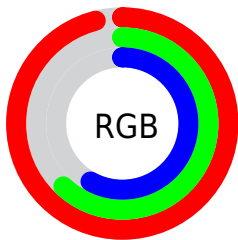
Format	Color
R _Y B	246, 159, 148
Decimal	16162452
CIE Lab	73.67, 31.62, 18.91
CIE LCh	74, 36.844, 30.873
Yxy	46.1847, 0.4094, 0.3402
Android (android.graphics.Color)	4294352532 (0xFFFF69E94)
YUV	183.1720, -17.3398, 55.1002
Hunter-Lab	67.9593, 27.0513, 17.9069

Details

The XYZ color **55.5782, 46.1847, 34.0022** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8413, 72.9375, 98.1658**, and the grayscale version is **45.1760, 47.5287, 51.7588**.

A 20% lighter version of the original color is **75.6949, 73.1128, 65.9997**, and **27.8052, 21.7359, 14.0392** is the 20% darker color. If you saturate the color by 10%, you get **50.3990, 38.6183, 23.6686**, and if you desaturate by 10%, it is **61.8507, 55.2754, 46.7425**.

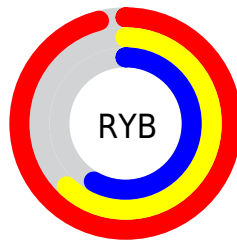
Distribution



Red (96%)

Green (62%)

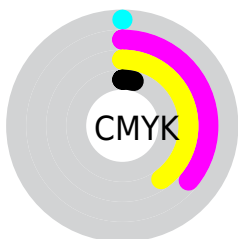
Blue (58%)



Red (96%)

Yellow (62%)

Blue (58%)

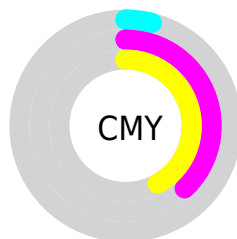


Cyan (0%)

Magenta (36%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (38%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5782, 46.1847, 34.0022 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 55.5782, 46.1847, 34.0022 by changing the saturation by 10% instead.


 55.5782, 46.1847,
34.0022


 55.5782, 46.1847,
34.0022


398.2008,
371.5507, 334.9113

 40.1005, 32.3916,
22.6179

 97.5310, 84.4953,
67.0710

 27.8015, 21.6608,
14.1090


 124.7368,
109.7817, 89.5926

 18.3158, 13.6079,
8.0569


156.5827,
139.6679, 116.6638

 11.2780, 7.8484,
4.0431

193.4340,
174.5384, 148.7030

 6.3228, 3.9981,
1.6490

235.6561,
214.7775, 186.1288

 3.0849, 1.6725,
0.3254

283.6144,

 1.1988, 0.4058,

260.7696, 229.3598

0.0000

337.6742,
312.8993, 278.8144

■ 0.1054, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5782, 46.1847,
34.0022

■ 55.5782, 46.1847,
34.0022

■ 50.3990, 38.6183,
23.6686

■ 61.8507, 55.2754,
46.7425

■ 46.2468, 32.4862,
15.5876

■ 69.2707, 65.9605,
62.0249

■ 43.0536, 27.6995,
9.5915

■ 77.8929, 78.3136,
79.9782

■ 40.7417, 24.1567,
5.4881

■ 87.7676, 92.4022,
100.7215

■ 39.2207, 21.7415,
3.0491

■ 91.8160, 98.3328,
108.7487

■ 38.3661, 20.3095,
1.9095

■ 38.3561, 20.2930,
1.8954

Harmonies

Analogous

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



57.6844, 46.1847, 49.7415



55.5782, 46.1847, 34.0022



50.2958, 46.1847, 24.9647

Triad

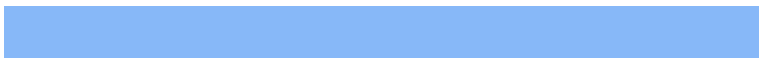
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5782, 46.1847, 34.0022



33.8185, 46.1847, 34.7383



44.0887, 46.1847, 95.4845

Complementary

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



55.5782, 46.1847, 34.0022



58.8413, 72.9375, 98.1658

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.



38.0656, 46.1847, 88.6871



55.5782, 46.1847, 34.0022



32.5030, 46.1847, 50.8370

Square

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



55.5782, 46.1847, 34.0022



37.7652, 46.1847, 25.3097



33.9795, 46.1847, 71.0848



50.6594, 46.1847, 87.8900

Rectangle

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



55.5782, 46.1847, 34.0022



45.9188, 46.1847, 22.4863



33.9795, 46.1847, 71.0848



41.9357, 46.1847, 94.7945

Sweetspot

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



55.5794, 46.1870, 34.0031



82.3616, 81.8889, 82.2710



63.7655, 46.8408, 85.1897



17.3586, 17.1410, 17.0458



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.



55.5794, 46.1870, 34.0031



55.5862, 43.2228, 27.4588



65.6159, 66.2600, 37.3486



16.6352, 16.7546, 17.1548



20.5191, 10.9238, 1.0270



1.8480, 1.0491, 0.1051

Inverse Universe

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



58.8413, 72.9375, 98.1658



59.5619, 75.9783, 106.1338



46.6604, 48.5757, 94.1055



16.8437, 18.4517, 21.2163



22.7241, 31.2419, 51.3706



2.0381, 2.8276, 4.5286

Previews

White Background



This preview shows how the XYZ color 55.5782, 46.1847, 34.0022 looks on a white background.

Color Contrast Check

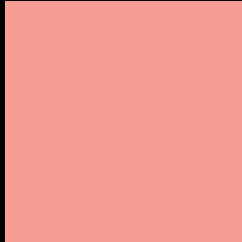
Large Text (above 18pt) WCAG AA × Fail

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 55.5782, 46.1847, 34.0022 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 55.5782, 46.1847, 34.0022

Background



This preview shows how black text looks on a background with the XYZ color 55.5782, 46.1847, 34.0022.



This preview shows how white text looks on a background with the XYZ color 55.5782, 46.1847,

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

55.5782, 46.1847, 34.0022

Protanopia

44.0171, 46.4981, 39.4560

Deuteranopia

47.1109, 46.1653, 33.2159



Tritanopia

57.4078, 46.1892, 42.4489

Trichromacy



Original Color

55.5782, 46.1847, 34.0022

Protanomaly

47.4383, 45.9553, 37.3803

Deuteranomaly

49.9314, 45.9279, 33.4274

Tritanomaly

56.5914, 46.0892, 39.1711

Monochromacy



Original Color

55.5782, 46.1847, 34.0022

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.8453, 46.2962, 44.4445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5782, 46.1847, 34.0022 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(246, 158, 148)` looks like.

```
.text, #text, p{  
    color:rgb(246, 158, 148)  
}
```

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(246, 158, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 158, 148) }
```

Border

The CSS property to change the border of an element to XYZ 55.5782, 46.1847, 34.0022 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(246, 158, 148) }
```


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

```
.border{ border-color:rgb(246, 158, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 158, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 158, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 158, 148);  
box-shadow:4px 4px 4px 4px rgb(246, 158,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5782, 46.1847, 34.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 158, 148) }
```

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

```
.background{ background-color: rgb(246,  
158, 148) }
```

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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