

Converting Colors

XYZ(46.9050, 34.4063, 23.8607)

Have a look what the booklet for
XYZ(46.9050, 34.4063, 23.8607)
contains.

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Color

**XYZ(46.9087, 34.4469,
23.9152)**

Conversions

Conversions Part 1

Format	Color
Hex	F07C7E
RGB	240, 124, 126
RGB Percent	94%, 49%, 49%
CMY	0.0588, 0.5137, 0.5059
CMYK	0.00, 0.48, 0.47, 0.06
HSL	359°, 79%, 71%
HSV	359°, 48%, 94%
XYZ	46.9087, 34.4469, 23.9152
YIQ	158.9120, 68.4940, 25.2140

Conversions

Conversions Part 2

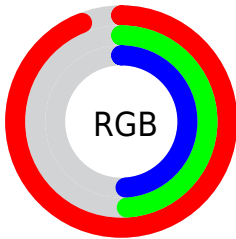
Format	Color
R _Y B	240, 124, 126
Decimal	15760510
CIE Lab	65.32, 44.63, 19.53
CIE LCh	65, 48.718, 23.632
Yxy	34.4469, 0.4456, 0.3272
Android (android.graphics.Color)	4293950590 (0xFFFF07C7E)
YUV	158.9120, -16.2256, 71.1142
Hunter-Lab	58.6915, 39.9546, 16.9250

Details

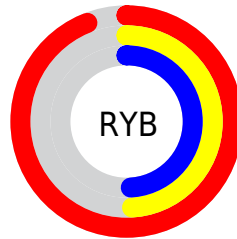
The XYZ color **46.9087, 34.4469, 23.9152** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **54.9067, 72.7790, 92.0473**, and the grayscale version is **32.9653, 34.6821, 37.7688**.

A 20% lighter version of the original color is **65.4968, 56.7549, 50.1506**, and **22.4152, 14.7456, 8.6860** is the 20% darker color. If you saturate the color by 10%, you get **42.9118, 28.6085, 15.9384**, and if you desaturate by 10%, it is **51.9980, 41.8960, 34.0268**.

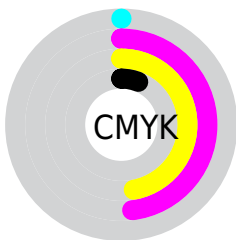
Distribution



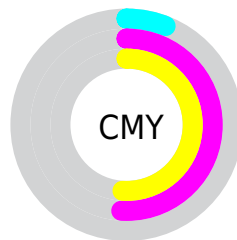
- Red (94%)
- Green (49%)
- Blue (49%)



- Red (94%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (47%)
- Black (6%)





- Cyan (6%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.9087, 34.4469, 23.9152 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 46.9087, 34.4469, 23.9152 by changing the saturation by 10% instead.


 46.9087, 34.4469,
23.9152


 46.9087, 34.4469,
23.9152

365.1050,
322.1202, 285.6642

 33.1711, 23.2371,
15.0591


 84.7969, 66.6280,
50.8339

 22.4174, 14.7687,
8.7138

 109.6782, 88.3682,
69.7335

 14.2823, 8.6572,
4.4607


 139.0049,
114.3873, 92.8182

 8.4003, 4.5183,
1.8813

173.1422,
145.0696, 120.5062

 4.4061, 1.9675,
0.4808

212.4555,
180.7997, 153.2164

 1.9343, 0.5885,
0.0000

257.3101,

 0.5967, 0.0000,

221.9619, 191.3670

0.0000

308.0715,
268.9406, 235.3768

■ 0.0000, 0.0000,
0.0000

■ 46.9087, 34.4469,
23.9152

■ 46.9087, 34.4469,
23.9152

■ 42.9118, 28.6085,
15.9384

■ 51.9980, 41.8960,
34.0268

■ 39.9250, 24.2571,
9.9418

■ 58.2488, 51.0569,
46.4093

■ 37.8587, 21.2600,
5.7527

■ 65.7275, 62.0286,
61.1897

■ 36.6065, 19.4585,
3.1683

■ 74.4949, 74.9012,
78.4850

■ 36.0227, 18.6299,
1.9289

■ 84.6076, 89.7587,
98.4046

■ 35.9577, 18.5342,
1.8007

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



48.2696, 34.4469, 42.0129



46.9087, 34.4469, 23.9152



41.5219, 34.4469, 14.0106

Triad

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



46.9087, 34.4469, 23.9152



22.9319, 34.4469, 18.7709



31.2497, 34.4469, 91.3299

Complementary

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



46.9087, 34.4469, 23.9152



54.9067, 72.7790, 92.0473

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.



25.2941, 34.4469, 78.6220



46.9087, 34.4469, 23.9152



20.9605, 34.4469, 33.3350

Square

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



46.9087, 34.4469, 23.9152



27.5673, 34.4469, 11.8794



21.7582, 34.4469, 55.4649



38.5241, 34.4469, 85.9414

Rectangle

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



46.9087, 34.4469, 23.9152



36.7408, 34.4469, 11.1094



21.7582, 34.4469, 55.4649



29.0421, 34.4469, 88.9198

Sweetspot

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



46.9096, 34.4487, 23.9158



79.5567, 77.2424, 78.3664



57.5730, 38.5640, 86.8470



16.5749, 15.8673, 15.8787



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.



46.9096, 34.4487, 23.9158



49.3032, 32.9143, 18.4044



55.5213, 51.8760, 26.1579



15.7838, 15.7632, 16.4179



19.6888, 10.1479, 1.0117



1.6418, 0.8458, 0.1044

Inverse Universe

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



46.9096, 34.4487, 23.9158



49.3032, 32.9143, 18.4044



41.5728, 45.6399, 89.0561



15.7838, 15.7632, 16.4179



19.6888, 10.1479, 1.0117



1.6418, 0.8458, 0.1044

Previews

White Background



This preview shows how the XYZ color 46.9087, 34.4469, 23.9152 looks on a white background.

Color Contrast Check

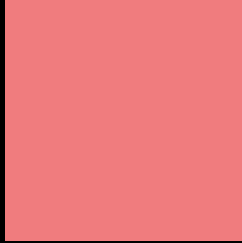
Large Text (above 18pt) WCAG AA × Fail

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 46.9087, 34.4469, 23.9152 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 46.9087, 34.4469, 23.9152

Background



This preview shows how black text looks on a background with the XYZ color 46.9087, 34.4469, 23.9152.



This preview shows how white text looks on a background with the XYZ color 46.9087, 34.4469,

23.9152.

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

46.9087, 34.4469, 23.9152

Protanopia

32.9107, 34.5439, 30.9197

Deuteranopia

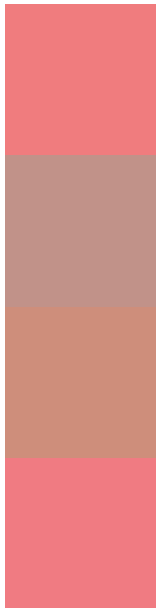
35.3359, 34.7277, 22.9299



Tritanopia

47.1830, 34.3571, 25.9746

Trichromacy



Original Color

46.9087, 34.4469, 23.9152

Protanomaly

36.7866, 33.7014, 28.2331

Deuteranomaly

38.7018, 33.8979, 23.2420

Tritanomaly

47.0474, 34.3029, 25.2605

Monochromacy



Original Color

46.9087, 34.4469, 23.9152

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.2844, 33.3557, 32.1297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.9087, 34.4469, 23.9152 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(240, 124, 126) looks like.

```
.text, #text, p{  
    color:rgb(240, 124, 126)  
}
```

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(240, 124, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 124, 126) }
```

Border

The CSS property to change the border of an element to XYZ 46.9087, 34.4469, 23.9152 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(240, 124, 126) }
```


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

```
.border{ border-color:rgb(240, 124, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 124, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 124, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 124, 126);  
box-shadow:4px 4px 4px 4px rgb(240, 124,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 46.9087, 34.4469, 23.9152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 124, 126) }
```

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

```
.background{ background-color: rgb(240,  
124, 126) }
```

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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