

Converting Colors

XYZ(48.4321, 36.6797, 27.4258)

Have a look what the booklet for
XYZ(48.4321, 36.6797, 27.4258)
contains.

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Color

**XYZ(48.5596, 36.7771,
27.4610)**

Conversions

Conversions Part 1

Format	Color
Hex	F08487
RGB	240, 132, 135
RGB Percent	94%, 52%, 53%
CMY	0.0588, 0.4823, 0.4706
CMYK	0.00, 0.45, 0.44, 0.06
HSL	358°, 78%, 73%
HSV	358°, 45%, 94%
XYZ	48.5596, 36.7771, 27.4610
YIQ	164.6340, 63.4050, 23.8290

Conversions

Conversions Part 2

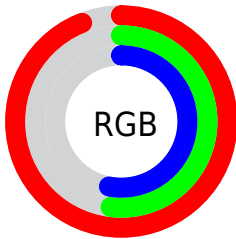
Format	Color
R _Y B	240, 132, 135
Decimal	15762567
CIE Lab	67.11, 41.48, 16.93
CIE LCh	67, 44.805, 22.202
Yxy	36.7771, 0.4305, 0.3260
Android (android.graphics.Color)	4293952647 (0xFFFF08487)
YUV	164.6340, -14.6096, 66.0960
Hunter-Lab	60.6441, 36.8032, 15.6031

Details

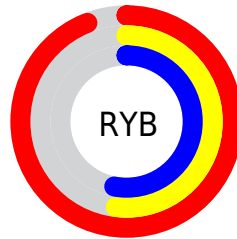
The XYZ color **48.5596, 36.7771, 27.4610** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.9637, 73.3408, 91.3318**, and the grayscale version is **35.6364, 37.4923, 40.8291**.

A 20% lighter version of the original color is **68.0874, 60.4315, 55.6528**, and **23.3307, 16.0965, 10.4716** is the 20% darker color. If you saturate the color by 10%, you get **44.2045, 30.4143, 18.7727**, and if you desaturate by 10%, it is **54.0252, 44.7847, 38.2963**.

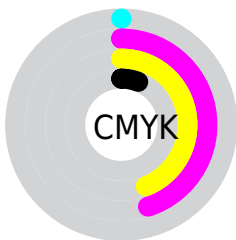
Distribution



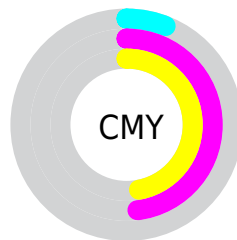
- Red (94%)
- Green (52%)
- Blue (53%)



- Red (94%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (45%)
- Yellow (44%)
- Black (6%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5596, 36.7771, 27.4610 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 48.5596, 36.7771, 27.4610 by changing the saturation by 10% instead.


 48.5596, 36.7771,
27.4610


 48.5596, 36.7771,
27.4610


371.5518,
332.3445, 303.7128


 34.4833, 25.0350,
17.6843


 87.2417, 70.2298,
56.6354

 23.4298, 16.1031,
10.5564


 112.5782, 92.7092,
76.8702

 15.0336, 9.5971,
5.6590


 142.3989,
119.5365, 101.4281

 8.9295, 5.1327,
2.5735

177.0690,
151.0960, 130.7276

 4.7519, 2.3253,
0.8787

216.9541,
187.7721, 165.1873

 2.1357, 0.7871,
0.0000

262.4193,

 0.7085, 0.0000,

229.9493, 205.2257

0.0000

313.8301,
278.0120, 251.2614

■ 0.0000, 0.0000,
0.0000

■ 48.5596, 36.7771,
27.4610

■ 48.5596, 36.7771,
27.4610

■ 44.2045, 30.4143,
18.7727

■ 54.0252, 44.7847,
38.2963

■ 40.8812, 25.5771,
12.0869

■ 60.6672, 54.5344,
51.4062

■ 38.5054, 22.1393,
7.2445

■ 68.5496, 66.1223,
66.9106

■ 36.9781, 19.9522,
4.0612

■ 77.7312, 79.6362,
84.9206

■ 36.1785, 18.8331,
2.3148

■ 88.2667, 95.1580,
105.5401

■ 35.9715, 18.5398,
1.8737

■ 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.



49.6270, 36.7771, 45.3600



48.5596, 36.7771, 27.4610



43.6260, 36.7771, 17.0920

Triad

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



48.5596, 36.7771, 27.4610



25.5821, 36.7771, 21.1522



33.2059, 36.7771, 89.9796

Complementary

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



48.5596, 36.7771, 27.4610



55.9637, 73.3408, 91.3318

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.



27.5174, 36.7771, 77.6630



48.5596, 36.7771, 27.4610



23.5046, 36.7771, 35.1605

Square

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



48.5596, 36.7771, 27.4610



30.2299, 36.7771, 14.3625



24.1639, 36.7771, 55.9812



40.1496, 36.7771, 85.8622

Rectangle

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



48.5596, 36.7771, 27.4610



39.1199, 36.7771, 13.8699



24.1639, 36.7771, 55.9812



31.0977, 36.7771, 87.5142

Sweetspot

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



48.5605, 36.7790, 27.4617



80.6096, 78.7382, 80.5983



58.7054, 40.6971, 87.1990



16.7842, 16.1624, 16.3292



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.



48.5605, 36.7790, 27.4617



51.0947, 35.4360, 22.2738



56.9111, 53.8128, 29.2197



15.7906, 15.7659, 16.4533



19.6994, 10.1522, 1.0675



1.6450, 0.8470, 0.1215

Inverse Universe

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



48.5605, 36.7790, 27.4617



51.0947, 35.4360, 22.2738



43.5726, 47.8526, 89.3778



15.7906, 15.7659, 16.4533



19.6994, 10.1522, 1.0675



1.6450, 0.8470, 0.1215

Previews

White Background



This preview shows how the XYZ color 48.5596, 36.7771, 27.4610 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 48.5596, 36.7771, 27.4610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

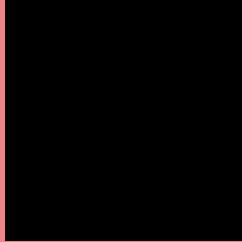
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5596, 36.7771, 27.4610

Background



This preview shows how black text looks on a background with the XYZ color 48.5596, 36.7771, 27.4610.



This preview shows how white text looks on a background with the XYZ color 48.5596, 36.7771,

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

48.5596, 36.7771, 27.4610

Protanopia

35.2607, 36.9748, 34.5566

Deuteranopia

37.6396, 36.8290, 26.5976



Tritanopia

48.8592, 36.6810, 29.7043

Trichromacy



Original Color

48.5596, 36.7771, 27.4610

Protanomaly

38.8447, 36.1029, 31.7093

Deuteranomaly

41.0493, 36.4011, 26.6924

Tritanomaly

48.7117, 36.6219, 28.9275

Monochromacy



Original Color

48.5596, 36.7771, 27.4610

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

38.9622, 36.3220, 35.5292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5596, 36.7771, 27.4610 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, 132, 135)` looks like.

```
.text, #text, p{  
    color:rgb(240, 132, 135)  
}
```

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, 132, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 132, 135) }
```

Border

The CSS property to change the border of an element to XYZ 48.5596, 36.7771, 27.4610 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, 132, 135) }
```


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

```
.border{ border-color:rgb(240, 132, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 132, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 132, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 132, 135);  
box-shadow:4px 4px 4px 4px rgb(240, 132,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5596, 36.7771, 27.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 132, 135) }
```

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

```
.background{ background-color: rgb(240,  
132, 135) }
```

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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