

Converting Colors

XYZ(49.5285, 36.9193, 24.8080)

Have a look what the booklet for
XYZ(49.5285, 36.9193, 24.8080)
contains.

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Color

**XYZ(49.5351, 36.9363,
24.9407)**

Conversions

Conversions Part 1

Format	Color
Hex	F58280
RGB	245, 130, 128
RGB Percent	96%, 51%, 50%
CMY	0.0392, 0.4902, 0.4980
CMYK	0.00, 0.47, 0.48, 0.04
HSL	1°, 85%, 73%
HSV	1°, 48%, 96%
XYZ	49.5351, 36.9363, 24.9407
YIQ	164.1570, 69.1820, 23.7580

Conversions

Conversions Part 2

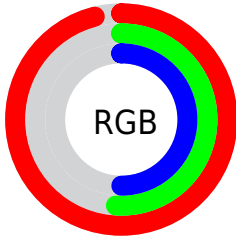
Format	Color
R_{YB}	245, 130, 128
Decimal	16089728
CIE Lab	67.23, 43.63, 21.13
CIE LCh	67, 48.472, 25.840
Yxy	36.9363, 0.4446, 0.3315
Android (android.graphics.Color)	4294279808 (0xFFFF58280)
YUV	164.1570, -17.8254, 70.8993
Hunter-Lab	60.7752, 39.1305, 18.2115

Details

The XYZ color **49.5351, 36.9363, 24.9407** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.4321, 75.2789, 97.8892**, and the grayscale version is **35.4216, 37.2663, 40.5830**.

A 20% lighter version of the original color is **66.9295, 59.2941, 51.6334**, and **24.0727, 16.1866, 9.2527** is the 20% darker color. If you saturate the color by 10%, you get **45.2761, 30.6949, 16.5026**, and if you desaturate by 10%, it is **54.9347, 44.8359, 35.6802**.

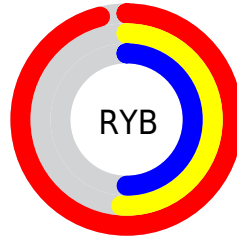
Distribution



Red (96%)

Green (51%)

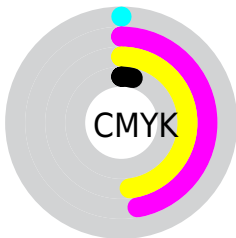
Blue (50%)



Red (96%)

Yellow (51%)

Blue (50%)

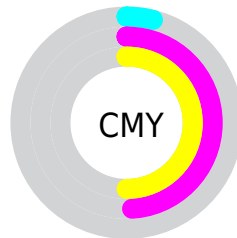


Cyan (0%)

Magenta (47%)

Yellow (48%)

Black (4%)



Cyan (4%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5351, 36.9363, 24.9407 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 49.5351, 36.9363, 24.9407 by changing the saturation by 10% instead.


 49.5351, 36.9363,
24.9407


 49.5351, 36.9363,
24.9407


375.3272,
333.0347, 290.9807

 35.2604, 25.1582,
15.8143


 88.6816, 70.4748,
52.5239

 24.0310, 16.1949,
9.2399


 114.2842, 93.0040,
71.8178

 15.4815, 9.6622,
4.7990

 144.3934,
119.8856, 95.3379

 9.2465, 5.1756,
2.0732

179.3747,
151.5041, 123.5028

 4.9607, 2.3506,
0.5997

219.5934,
188.2439, 156.7309

 2.2587, 0.8003,
0.0000

265.4148,

 0.7734, 0.0000,

230.4893, 195.4410

0.0000

317.2043,
278.6247, 240.0514

■ 0.0000, 0.0000,
0.0000

■ 49.5351, 36.9363,
24.9407

■ 49.5351, 36.9363,
24.9407

■ 45.2761, 30.6949,
16.5026

■ 54.9347, 44.8359,
35.6802

■ 42.0732, 25.9886,
10.1961

■ 61.5456, 54.4941,
48.8701

■ 39.8351, 22.6863,
5.8314

■ 69.4362, 66.0101,
64.6493

■ 38.4536, 20.6325,
3.1841

■ 78.6689, 79.4740,
83.1458

■ 37.7905, 19.6330,
1.9557

■ 89.3021, 94.9701,
104.4791

■ 37.7017, 19.5036,
1.7775

■ 91.4661, 98.1524,
108.7323

Harmonies

Analogous

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



51.2984, 36.9363, 43.2467



49.5351, 36.9363, 24.9407



43.7189, 36.9363, 15.0415

Triad

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



49.5351, 36.9363, 24.9407



24.5989, 36.9363, 21.3993



34.0847, 36.9363, 96.0972

Complementary

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



49.5351, 36.9363, 24.9407



57.4321, 75.2789, 97.8892

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.



27.7073, 36.9363, 84.2457



49.5351, 36.9363, 24.9407



22.7406, 36.9363, 37.3329

Square

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



49.5351, 36.9363, 24.9407



29.2624, 36.9363, 13.5585



23.7936, 36.9363, 60.7247



41.6819, 36.9363, 89.1788

Rectangle

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



49.5351, 36.9363, 24.9407



38.7043, 36.9363, 12.2303



23.7936, 36.9363, 60.7247



31.7395, 36.9363, 94.0901

Sweetspot

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



49.5360, 36.9382, 24.9414



79.6359, 77.5306, 77.9927



61.5605, 41.3251, 89.5653



16.5938, 15.9361, 15.7894



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.



49.5360, 36.9382, 24.9414



49.8454, 33.9980, 18.5873



59.6320, 57.1301, 28.3067



16.5219, 16.5280, 17.1170



20.3208, 10.5272, 0.9609



1.7939, 0.9410, 0.0871

Inverse Universe

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



57.4321, 75.2789, 97.8892



59.4069, 80.4524, 107.0055



42.6386, 45.6919, 92.9580



16.9709, 18.7061, 21.2587



25.8036, 37.4010, 52.3972



2.2755, 3.3025, 4.6077

Previews

White Background



This preview shows how the XYZ color 49.5351, 36.9363, 24.9407 looks on a white background.

Color Contrast Check

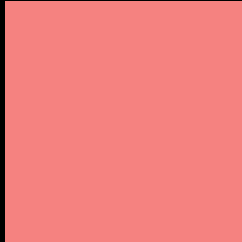
Large Text (above 18pt) WCAG AA × Fail

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 49.5351, 36.9363, 24.9407 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 49.5351, 36.9363, 24.9407

Background



This preview shows how black text looks on a background with the XYZ color 49.5351, 36.9363, 24.9407.



This preview shows how white text looks on a background with the XYZ color 49.5351, 36.9363,

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

49.5351, 36.9363, 24.9407

Protanopia

35.3228, 37.3352, 31.7303

Deuteranopia

37.6244, 36.8815, 23.8747



Tritanopia

50.4437, 37.1283, 28.5526

Trichromacy



Original Color

49.5351, 36.9363, 24.9407

Protanomaly

39.3689, 36.4336, 29.0022

Deuteranomaly

41.2868, 36.3452, 24.2413

Tritanomaly

50.1594, 37.0146, 27.0551

Monochromacy



Original Color

49.5351, 36.9363, 24.9407

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

38.8065, 36.0283, 34.1870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5351, 36.9363, 24.9407 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(245, 130, 128)` looks like.

```
.text, #text, p{  
    color:rgb(245, 130, 128)  
}
```

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(245, 130, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 130, 128) }
```

Border

The CSS property to change the border of an element to XYZ 49.5351, 36.9363, 24.9407 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(245, 130, 128) }
```


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

```
.border{ border-color:rgb(245, 130, 128) }
```

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

Here you see how a box with a 4 pixel rgb(245, 130, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 130, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 130, 128);  
box-shadow:4px 4px 4px 4px rgb(245, 130,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5351, 36.9363, 24.9407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 130, 128) }
```

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

```
.background{ background-color: rgb(245,  
130, 128) }
```

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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