

Converting Colors

XYZ(49.7266, 34.3003, 21.5466)

Have a look what the booklet for
XYZ(49.7266, 34.3003, 21.5466)
contains.

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Color

**XYZ(49.6054, 34.2888,
21.4567)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7377
RGB	252, 115, 119
RGB Percent	99%, 45%, 47%
CMY	0.0118, 0.5490, 0.5333
CMYK	0.00, 0.54, 0.53, 0.01
HSL	358°, 96%, 72%
HSV	358°, 54%, 99%
XYZ	49.6054, 34.2888, 21.4567
YIQ	156.4190, 80.3680, 30.2880

Conversions

Conversions Part 2

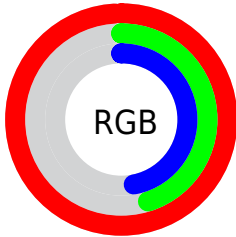
Format	Color
R _{YB}	252, 115, 119
Decimal	16544631
CIE Lab	65.19, 52.60, 23.60
CIE LCh	65, 57.652, 24.164
Yxy	34.2888, 0.4709, 0.3255
Android (android.graphics.Color)	4294734711 (0xFFFC7377)
YUV	156.4190, -18.4476, 83.8245
Hunter-Lab	58.5566, 48.7395, 19.2642

Details

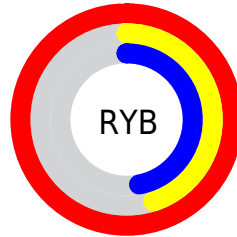
The XYZ color **49.6054, 34.2888, 21.4567** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **58.8259, 80.0437, 101.1620**, and the grayscale version is **31.8431, 33.5014, 36.4830**.

A 20% lighter version of the original color is **62.9654, 52.9497, 45.4298**, and **23.9884, 14.6338, 7.5215** is the 20% darker color. If you saturate the color by 10%, you get **45.8293, 28.7932, 13.8583**, and if you desaturate by 10%, it is **54.5466, 41.5098, 31.3095**.

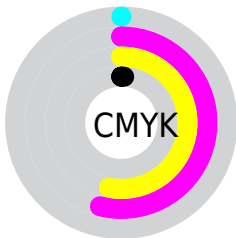
Distribution



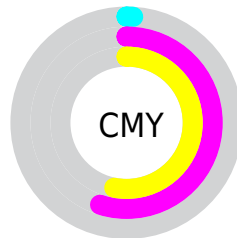
- Red (99%)
- Green (45%)
- Blue (47%)



- Red (99%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (54%)
- Yellow (53%)
- Black (1%)





- Cyan (1%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6054, 34.2888, 21.4567 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 49.6054, 34.2888, 21.4567 by changing the saturation by 10% instead.


 49.6054, 34.2888,
21.4567


 49.6054, 34.2888,
21.4567


375.5983,
321.4179, 272.5561

 35.3165, 23.1156,
13.2638


 88.7853, 66.3825,
46.7370

 24.0744, 14.6789,
7.4776


 114.4069, 88.0718,
64.6614

 15.5139, 8.5943,
3.6796


 144.5369,
114.0352, 86.6668

 9.2695, 4.4775,
1.4513

179.5405,
144.6571, 113.1716

 4.9759, 1.9441,
0.1812

219.7830,
180.3219, 144.5944

 2.2677, 0.5747,
0.0000

265.6300,

 0.7781, 0.0000,

221.4141, 181.3537

0.0000

317.4466,
268.3179, 223.8681

■ 0.0000, 0.0000,
0.0000

■ 49.6054, 34.2888,
21.4567

■ 49.6054, 34.2888,
21.4567

■ 45.8293, 28.7932,
13.8583

■ 54.5466, 41.5098,
31.3095

■ 43.1203, 24.8742,
8.3345

■ 60.7352, 50.5777,
43.5739

■ 41.3691, 22.3675,
4.6811

■ 68.2487, 61.6097,
58.3951

■ 40.4413, 21.0697,
2.6516

■ 77.1580, 74.7114,
75.9062

■ 40.1850, 20.7115,
2.0906

■ 87.5287, 89.9812,
96.2313

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



51.3831, 34.2888, 42.2246



49.6054, 34.2888, 21.4567



42.9593, 34.2888, 11.0349

Triad

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



49.6054, 34.2888, 21.4567



21.1991, 34.2888, 16.3164



30.9799, 34.2888, 104.5932

Complementary

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



49.6054, 34.2888, 21.4567



58.8259, 80.0437, 101.1620

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.



24.0407, 34.2888, 88.6061



49.6054, 34.2888, 21.4567



19.0497, 34.2888, 32.8377

Square

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



49.6054, 34.2888, 21.4567



26.4319, 34.2888, 9.0817



19.9931, 34.2888, 59.5793



39.6383, 34.2888, 97.2168

Rectangle

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



49.6054, 34.2888, 21.4567



37.1864, 34.2888, 8.2179



19.9931, 34.2888, 59.5793



28.3897, 34.2888, 101.6177

Sweetspot

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



49.6062, 34.2906, 21.4573



77.6530, 74.3808, 74.8167



62.2130, 39.1446, 96.3718



16.2024, 15.3049, 15.1918



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.



49.6062, 34.2906, 21.4573



46.8572, 29.2560, 13.7861



59.3473, 54.1485, 23.5459



17.2651, 17.2334, 17.9859



20.9421, 10.7925, 1.1373



1.9466, 1.0024, 0.1421

Inverse Universe

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



49.6062, 34.2906, 21.4573



46.8572, 29.2560, 13.7861



42.6402, 46.6701, 98.8560



17.2651, 17.2334, 17.9859



20.9421, 10.7925, 1.1373



1.9466, 1.0024, 0.1421

Previews

White Background



This preview shows how the XYZ color 49.6054, 34.2888, 21.4567 looks on a white background.

Color Contrast Check

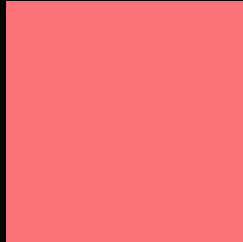
Large Text (above 18pt) WCAG AA × Fail

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 49.6054, 34.2888, 21.4567 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 49.6054, 34.2888, 21.4567

Background



This preview shows how black text looks on a background with the XYZ color 49.6054, 34.2888, 21.4567.



This preview shows how white text looks on a background with the XYZ color 49.6054, 34.2888,

21.4567.

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

49.6054, 34.2888, 21.4567

Protanopia

32.6129, 34.4248, 29.3519

Deuteranopia

35.1951, 34.4675, 20.4207



Tritanopia

49.6750, 34.1352, 22.3829

Trichromacy



Original Color

49.6054, 34.2888, 21.4567

Protanomaly

36.8638, 32.8823, 26.2338

Deuteranomaly

39.4785, 33.7001, 20.6437

Tritanomaly

49.6134, 34.1106, 22.0582

Monochromacy



Original Color

49.6054, 34.2888, 21.4567

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

35.9687, 32.1093, 30.2886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6054, 34.2888, 21.4567 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(252, 115, 119)` looks like.

```
.text, #text, p{  
    color:rgb(252, 115, 119)  
}
```

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(252, 115, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 115, 119) }
```

Border

The CSS property to change the border of an element to XYZ 49.6054, 34.2888, 21.4567 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(252, 115, 119) }
```


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

```
.border{ border-color:rgb(252, 115, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 115, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 115, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 115, 119);  
box-shadow:4px 4px 4px 4px rgb(252, 115,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6054, 34.2888, 21.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 115, 119) }
```

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

```
.background{ background-color: rgb(252,  
115, 119) }
```

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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