

Converting Colors

XYZ(56.8548, 49.2911, 34.1376)

Have a look what the booklet for
XYZ(56.8548, 49.2911, 34.1376)
contains.

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Color

**XYZ(56.7414, 49.1565,
34.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A793
RGB	245, 167, 147
RGB Percent	96%, 65%, 58%
CMY	0.0392, 0.3451, 0.4235
CMYK	0.00, 0.32, 0.40, 0.04
HSL	12°, 83%, 77%
HSV	12°, 40%, 96%
XYZ	56.7414, 49.1565, 34.1013
YIQ	188.0420, 52.9080, 10.3160

Conversions

Conversions Part 2

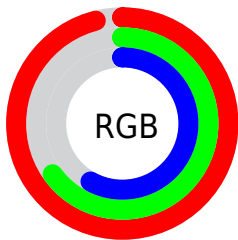
Format	Color
R _Y B	245, 172, 147
Decimal	16099219
CIE Lab	75.55, 26.40, 22.02
CIE LCh	76, 34.380, 39.831
Yxy	49.1565, 0.4053, 0.3511
Android (android.graphics.Color)	4294289299 (0xFFFF5A793)
YUV	188.0420, -20.2337, 49.9522
Hunter-Lab	70.1117, 21.7646, 20.2404

Details

The XYZ color **56.7414, 49.1565, 34.1013** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.4382, 66.6434, 96.3278**, and the grayscale version is **47.9152, 50.4106, 54.8971**.

A 20% lighter version of the original color is **78.1703, 78.2524, 66.2425**, and **28.3783, 23.3183, 14.0715** is the 20% darker color. If you saturate the color by 10%, you get **51.7131, 41.8558, 23.9290**, and if you desaturate by 10%, it is **62.7203, 57.7029, 46.6112**.

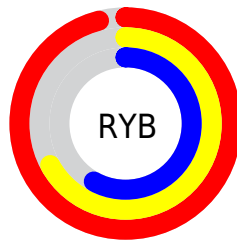
Distribution



Red (96%)

Green (65%)

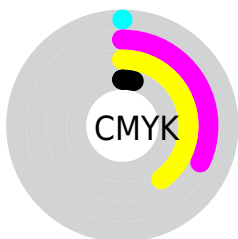
Blue (58%)



Red (96%)

Yellow (67%)

Blue (58%)

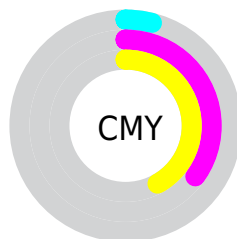


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (4%)



Cyan (4%)


Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7414, 49.1565, 34.1013 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 56.7414, 49.1565, 34.1013 by changing the saturation by 10% instead.


 56.7414, 49.1565,
34.1013

 56.7414, 49.1565,
34.1013


402.5095,
383.3581, 335.3664

 41.0370, 34.7436,
22.6934


 99.2213, 88.9238,
67.2269

 28.5358, 23.4655,
14.1641


 126.7275,
115.0471, 89.7816

 18.8724, 14.9376,
8.0949

158.8983,
145.8427, 116.8892

 11.6816, 8.7756,
4.0671

196.0991,
181.6949, 148.9679

 6.5979, 4.5951,
1.6622

238.6953,
222.9881, 186.4365

 3.2560, 2.0117,
0.3346

287.0522,

 1.2906, 0.6143,

270.1068, 229.7134

0.0000

341.5351,
323.4353, 279.2172

■ 0.1761, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7414, 49.1565,
34.1013

■ 56.7414, 49.1565,
34.1013

■ 51.7131, 41.8558,
23.9290

■ 62.7203, 57.7029,
46.6112

■ 47.5812, 35.7351,
15.9454

■ 69.6924, 67.5425,
61.5892

■ 44.2920, 30.7333,
9.9885

■ 77.7022, 78.7289,
79.1596

■ 41.7840, 26.7810,
5.8729

■ 86.7906, 91.3106,
99.4376

■ 39.9862, 23.8002,
3.3781

■ 91.4662, 98.1525,
108.7323

■ 38.7974, 21.6949,
2.1427

■ 38.7974, 21.6948,
2.1427

Harmonies

Analogous

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



59.8171, 49.1565, 47.7710



56.7414, 49.1565, 34.1013



51.0602, 49.1565, 26.9482

Triad

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



56.7414, 49.1565, 34.1013



36.1705, 49.1565, 42.3470



48.8380, 49.1565, 95.9090

Complementary

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



56.7414, 49.1565, 34.1013



55.4382, 66.6434, 96.3278

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.



42.6363, 49.1565, 93.5225



56.7414, 49.1565, 34.1013



35.6924, 49.1565, 59.7193

Square

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



56.7414, 49.1565, 34.1013



39.3281, 49.1565, 30.9068



37.9571, 49.1565, 79.1956



54.9885, 49.1565, 85.1245

Rectangle

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



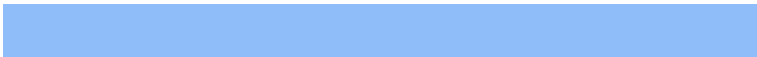
56.7414, 49.1565, 34.1013



46.7579, 49.1565, 25.6136



37.9571, 49.1565, 79.1956



46.6857, 49.1565, 96.6684

Sweetspot

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



56.7427, 49.1589, 34.1023



83.2260, 83.6177, 82.5591



61.7354, 45.7385, 77.0954



17.5605, 17.5446, 17.1131



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.



56.7427, 49.1589, 34.1023



57.6024, 47.2552, 28.1309



67.3764, 70.4263, 37.6468



16.7731, 17.0303, 17.2007



20.9793, 11.8441, 1.1804



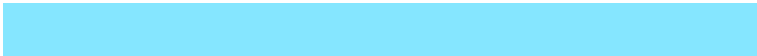
1.9141, 1.1814, 0.1272

Inverse Universe

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



55.4382, 66.6434, 96.3278



55.9605, 68.7753, 104.9333



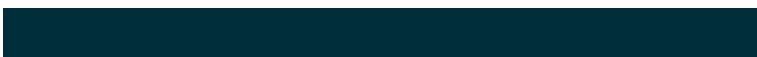
44.1184, 44.0039, 92.5545



16.6926, 18.1496, 21.1660



19.4923, 24.7785, 50.2934



1.7840, 2.3195, 4.4439

Previews

White Background



This preview shows how the XYZ color 56.7414, 49.1565, 34.1013 looks on a white background.

Color Contrast Check

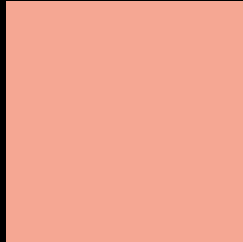
Large Text (above 18pt) WCAG AA × Fail

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 56.7414, 49.1565, 34.1013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

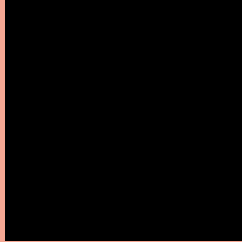
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7414, 49.1565, 34.1013

Background



This preview shows how black text looks on a background with the XYZ color 56.7414, 49.1565, 34.1013.



This preview shows how white text looks on a background with the XYZ color 56.7414, 49.1565,

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

56.7414, 49.1565, 34.1013

Protanopia

46.5856, 49.3884, 38.5301

Deuteranopia

50.4444, 49.3446, 33.6538



Tritanopia

59.5465, 49.2460, 46.9244

Trichromacy



Original Color

56.7414, 49.1565, 34.1013

Protanomaly

49.6014, 48.8362, 36.9491

Deuteranomaly

52.5132, 49.2292, 33.9286

Tritanomaly

58.4248, 49.0417, 41.9840

Monochromacy



Original Color

56.7414, 49.1565, 34.1013

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1586, 49.2150, 46.3910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7414, 49.1565, 34.1013 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, 167, 147)` looks like.

```
.text, #text, p{  
    color:rgb(245, 167, 147)  
}
```

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, 167, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 167, 147) }
```

Border

The CSS property to change the border of an element to XYZ 56.7414, 49.1565, 34.1013 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, 167, 147) }
```


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

```
.border{ border-color:rgb(245, 167, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 167, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 167, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 167, 147);  
box-shadow:4px 4px 4px 4px rgb(245, 167,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7414, 49.1565, 34.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 167, 147) }
```

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

```
.background{ background-color: rgb(245,  
167, 147) }
```

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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