

Converting Colors

XYZ(69.9497, 44.7274, 16.6757)

Have a look what the booklet for
XYZ(69.9497, 44.7274, 16.6757)
contains.

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Color

**XYZ(49.5094, 34.1955,
15.7953)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7263
RGB	255, 114, 99
RGB Percent	100%, 45%, 39%
CMY	0.0000, 0.5529, 0.6118
CMYK	0.00, 0.55, 0.61, 0.00
HSL	6°, 100%, 69%
HSV	6°, 61%, 100%
XYZ	49.5094, 34.1955, 15.7953
YIQ	154.4490, 88.8510, 25.2270

Conversions

Conversions Part 2

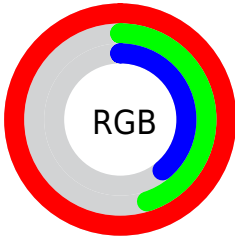
Format	Color
R _Y B	255, 116, 99
Decimal	16740963
CIE Lab	65.12, 52.66, 34.77
CIE LCh	65, 63.102, 33.436
Yxy	34.1955, 0.4976, 0.3437
Android (android.graphics.Color)	4294931043 (0xFFFF7263)
YUV	154.4490, -27.3364, 88.1832
Hunter-Lab	58.4769, 48.7922, 24.9189

Details

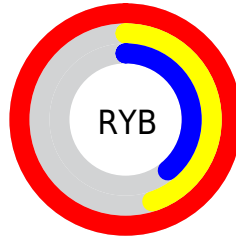
The XYZ color **49.5094, 34.1955, 15.7953** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.3531, 72.1876, 105.6760**, and the grayscale version is **31.0030, 32.6175, 35.5205**.

A 20% lighter version of the original color is **60.9330, 51.8379, 35.6484**, and **23.9220, 14.5823, 4.8027** is the 20% darker color. If you saturate the color by 10%, you get **46.1969, 29.2233, 9.5966**, and if you desaturate by 10%, it is **53.8631, 40.6349, 24.2397**.

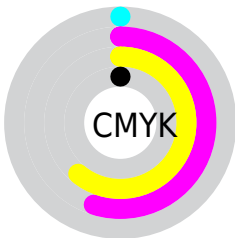
Distribution



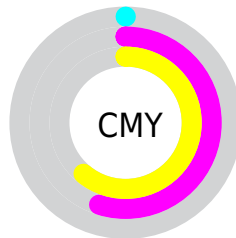
- Red (100%)
- Green (45%)
- Blue (39%)



- Red (100%)
- Yellow (45%)
- Blue (39%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (55%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.5094, 34.1955, 15.7953 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 49.5094, 34.1955, 15.7953 by changing the saturation by 10% instead.


 49.5094, 34.1955,
15.7953


 49.5094, 34.1955,
15.7953


375.2281,
321.0029, 239.9351


 35.2399, 23.0438,
9.2266


 88.6437, 66.2376,
37.0043

 24.0151, 14.6259,
4.7905


 114.2393, 87.8968,
52.4817

 15.4696, 8.5572,
2.0683


 144.3410,
113.8272, 71.7658

 9.2381, 4.4535,
0.5968


 179.3141,
144.4134, 95.2751

 4.9552, 1.9304,
0.0000

219.5240,
180.0397, 123.4281

 2.2555, 0.5665,
0.0000

265.3361,

 0.7717, 0.0000,

221.0904, 156.6434

0.0000

317.1156,
267.9500, 195.3396

■ 0.0000, 0.0000,
0.0000

■ 49.5094, 34.1955,
15.7953

■ 49.5094, 34.1955,
15.7953

■ 46.1969, 29.2233,
9.5966

■ 53.8631, 40.6349,
24.2397

■ 43.8353, 25.5973,
5.4268

■ 59.3333, 48.6390,
35.1155

■ 42.3228, 23.1865,
3.0294

■ 65.9911, 58.3032,
48.5913

■ 41.5774, 21.9353,
2.0426

■ 73.9008, 69.7138,
64.8198

■ 83.1224, 82.9512,
83.9423

93.7117, 98.0906,
106.0901

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



53.4219, 34.1955, 34.2933



49.5094, 34.1955, 15.7953



41.0234, 34.1955, 7.9001

Triad

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



49.5094, 34.1955, 15.7953



19.1662, 34.1955, 18.9372



33.5680, 34.1955, 113.5982

Complementary

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



49.5094, 34.1955, 15.7953



54.3531, 72.1876, 105.6760

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.



25.2504, 34.1955, 102.9488



49.5094, 34.1955, 15.7953



17.9106, 34.1955, 40.3362

Square

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



49.5094, 34.1955, 15.7953



23.7378, 34.1955, 9.0241



19.9175, 34.1955, 72.4783



43.1943, 34.1955, 97.1120

Rectangle

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



49.5094, 34.1955, 15.7953



34.5551, 34.1955, 6.2546



19.9175, 34.1955, 72.4783



30.5315, 34.1955, 113.0946

Sweetspot

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



49.5102, 34.1974, 15.7959



76.6852, 73.7168, 70.5736



61.7286, 36.5945, 87.8139



15.8668, 14.9920, 13.9750



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.



49.5102, 34.1974, 15.7959



45.6982, 28.4652, 8.6916



61.9053, 58.9876, 19.9276



18.1499, 18.2680, 18.7138



21.7716, 11.5545, 1.0827



2.1647, 1.2148, 0.1204

Inverse Universe

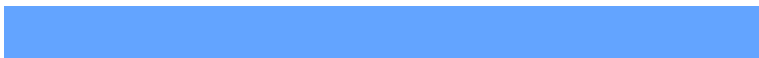
The Inverse Universe completely reimagines the original color for something new.



54.3531, 72.1876, 105.6760



50.8042, 69.1009, 105.2679



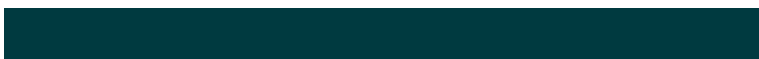
36.4711, 36.4236, 99.7153



18.3967, 20.1650, 23.1726



24.3464, 33.6024, 54.6373



2.4121, 3.3549, 5.3337

Previews

White Background



This preview shows how the XYZ color 49.5094, 34.1955, 15.7953 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 49.5094, 34.1955, 15.7953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

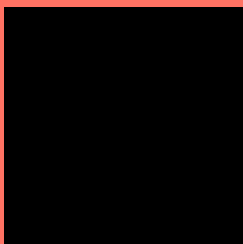
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.5094, 34.1955, 15.7953

Background



This preview shows how black text looks on a background with the XYZ color 49.5094, 34.1955, 15.7953.



This preview shows how white text looks on a background with the XYZ color 49.5094, 34.1955,

15.7953.

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

49.5094, 34.1955, 15.7953

Protanopia

32.0153, 34.2841, 21.7597

Deuteranopia

34.9907, 34.2434, 14.8906



Tritanopia

50.3639, 34.1803, 21.3957

Trichromacy



Original Color

49.5094, 34.1955, 15.7953

Protanomaly

36.5749, 32.8893, 19.1724

Deuteranomaly

39.4729, 33.6021, 15.2319

Tritanomaly

50.0698, 34.2401, 19.2993

Monochromacy



Original Color

49.5094, 34.1955, 15.7953

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.0216, 31.2628, 26.7428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.5094, 34.1955, 15.7953 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(255, 114, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 99)  
}
```

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(255, 114, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 99) }
```

Border

The CSS property to change the border of an element to XYZ 49.5094, 34.1955, 15.7953 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(255, 114, 99) }
```


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

```
.border{ border-color:rgb(255, 114, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 49.5094, 34.1955, 15.7953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 99) }
```

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

```
.background{ background-color: rgb(255,  
114, 99) }
```

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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