

Converting Colors

XYZ(61.4028, 55.3807, 35.3538)

Have a look what the booklet for
XYZ(61.4028, 55.3807, 35.3538)
contains.

XYZ(61.4502, 55.2899, 35.4502)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.4502, 55.2899,
35.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB494
RGB	251, 180, 148
RGB Percent	98%, 71%, 58%
CMY	0.0157, 0.2941, 0.4196
CMYK	0.00, 0.28, 0.41, 0.02
HSL	19°, 93%, 78%
HSV	19°, 41%, 98%
XYZ	61.4502, 55.2899, 35.4502
YIQ	197.5810, 52.5880, 5.1000

Conversions

Conversions Part 2

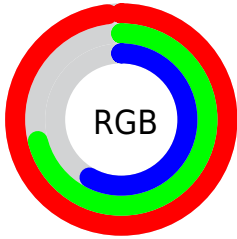
Format	Color
R _Y B	251, 194, 148
Decimal	16495764
CIE Lab	79.21, 21.97, 26.56
CIE LCh	79, 34.469, 50.410
Yxy	55.2899, 0.4038, 0.3633
Android (android.graphics.Color)	4294685844 (0xFFFBB494)
YUV	197.5810, -24.4434, 46.8485
Hunter-Lab	74.3572, 17.3908, 23.7832

Details

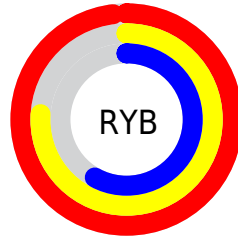
The XYZ color **61.4502, 55.2899, 35.4502** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9557, 63.9213, 100.7082**, and the grayscale version is **53.5447, 56.3332, 61.3469**.

A 20% lighter version of the original color is **81.8961, 85.5152, 68.0668**, and **31.4853, 27.2483, 14.9093** is the 20% darker color. If you saturate the color by 10%, you get **56.3976, 48.0269, 25.0042**, and if you desaturate by 10%, it is **67.3723, 63.6024, 48.3123**.

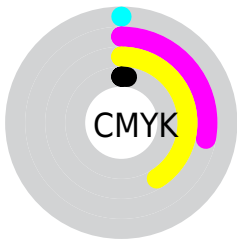
Distribution



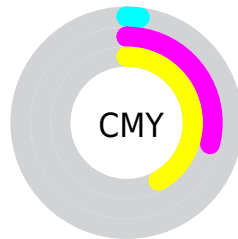
- Red (98%)
- Green (71%)
- Blue (58%)



- Red (98%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (2%)





- Cyan (2%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4502, 55.2899, 35.4502 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 61.4502, 55.2899, 35.4502 by changing the saturation by 10% instead.


 61.4502, 55.2899,
35.4502

 61.4502, 55.2899,
35.4502


419.6723,
407.0099, 341.5155

 44.8425, 39.6339,
23.7236


 106.0249, 97.9656,
69.3421

 31.5341, 27.2532,
14.9184


 134.7227,
125.7540, 92.3444

 21.1597, 17.7635,
8.6161


168.1812,
158.3554, 119.9423

 13.3539, 10.7803,
4.3983

206.7658,
196.1541, 152.5545

 7.7514, 5.9193,
1.8463

250.8419,
239.5345, 190.5993

 3.9868, 2.7961,
0.4582

300.7748,

 1.6946, 1.0262,

288.8810, 234.4954

0.0000

356.9298,
344.5780, 284.6613

■ 0.4529, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4502, 55.2899,
35.4502

■ 61.4502, 55.2899,
35.4502

■ 56.3976, 48.0269,
25.0042

■ 67.3723, 63.6024,
48.3123

■ 52.1663, 41.7623,
16.8177

■ 74.2006, 72.9971,
63.7271

■ 48.7092, 36.4520,
10.7203

■ 81.9744, 83.5148,
81.8248

■ 45.9720, 32.0456,
6.5158

■ 90.7295, 95.1920,
102.7258

■ 43.8920, 28.4865,
3.9698

■ 93.5936, 99.2492,
108.8318

■ 42.5076, 25.9572,
2.7698

Harmonies

Analogous

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



65.9647, 55.2899, 47.9207



61.4502, 55.2899, 35.4502



54.7885, 55.2899, 30.0153

Triad

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



61.4502, 55.2899, 35.4502



40.5460, 55.2899, 54.1016



57.3059, 55.2899, 103.1985

Complementary

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



61.4502, 55.2899, 35.4502



54.9557, 63.9213, 100.7082

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.



50.3760, 55.2899, 105.8723



61.4502, 55.2899, 35.4502



41.0920, 55.2899, 74.4188

Square

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



61.4502, 55.2899, 35.4502



42.9931, 55.2899, 39.1226



44.5560, 55.2899, 94.4108



63.4308, 55.2899, 87.7486

Rectangle

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



61.4502, 55.2899, 35.4502



50.1948, 55.2899, 30.0746



44.5560, 55.2899, 94.4108



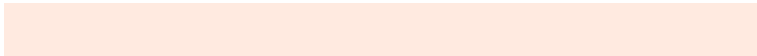
54.9806, 55.2899, 105.7351

Sweetspot

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



61.4516, 55.2926, 35.4513



84.1456, 85.4571, 82.8657



63.3053, 46.8621, 73.4885



17.7757, 17.9751, 17.1848



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.



61.4516, 55.2926, 35.4513



59.4376, 51.2030, 27.8872



73.5373, 79.4639, 39.4799



17.6846, 18.1050, 18.0249



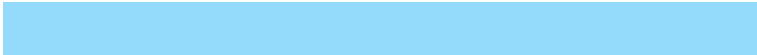
22.4572, 13.8711, 1.4938



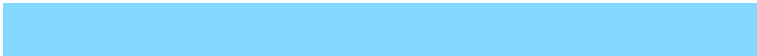
2.1700, 1.4648, 0.1684

Inverse Universe

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



54.9557, 63.9213, 100.7082



51.8640, 61.1705, 103.6813



43.7394, 41.4888, 96.9694



17.2842, 18.6452, 22.0732



17.1440, 19.6435, 50.8615



1.6822, 2.0080, 4.7421

Previews

White Background



This preview shows how the XYZ color 61.4502, 55.2899, 35.4502 looks on a white background.

Color Contrast Check

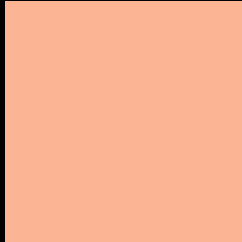
Large Text (above 18pt) WCAG AA × Fail

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 61.4502, 55.2899, 35.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

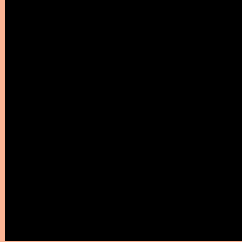
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4502, 55.2899, 35.4502

Background



This preview shows how black text looks on a background with the XYZ color 61.4502, 55.2899, 35.4502.



This preview shows how white text looks on a background with the XYZ color 61.4502, 55.2899,

35.4502.

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

61.4502, 55.2899, 35.4502

Protanopia

51.9508, 55.4017, 38.9658

Deuteranopia

56.4502, 55.1976, 34.8731



Tritanopia

65.4532, 55.1629, 54.7747

Trichromacy



Original Color

61.4502, 55.2899, 35.4502

Protanomaly

54.8214, 54.9412, 37.4211

Deuteranomaly

58.2120, 55.1552, 35.1817

Tritanomaly

63.9412, 55.1386, 46.8079

Monochromacy



Original Color

61.4502, 55.2899, 35.4502

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4843, 55.3086, 50.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4502, 55.2899, 35.4502 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(251, 180, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 180, 148)  
}
```

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(251, 180, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 180, 148) }
```

Border

The CSS property to change the border of an element to XYZ 61.4502, 55.2899, 35.4502 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(251, 180, 148) }
```


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

```
.border{ border-color:rgb(251, 180, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 180, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 180, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 180, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 180,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4502, 55.2899, 35.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 180, 148) }
```

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

```
.background{ background-color: rgb(251,  
180, 148) }
```

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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