

Converting Colors

XYZ(62.0633, 54.1356, 35.9114)

Have a look what the booklet for
XYZ(62.0633, 54.1356, 35.9114)
contains.

XYZ(62.0750, 54.1220, 36.0290)	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(62.0750, 54.1220,
36.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF96
RGB	255, 175, 150
RGB Percent	100%, 69%, 59%
CMY	0.0000, 0.3137, 0.4118
CMYK	0.00, 0.31, 0.41, 0.00
HSL	14°, 100%, 79%
HSV	14°, 41%, 100%
XYZ	62.0750, 54.1220, 36.0290
YIQ	196.0700, 55.7050, 9.1850

Conversions

Conversions Part 2

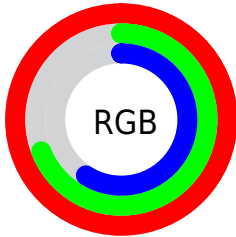
Format	Color
R_{YB}	255, 183, 150
Decimal	16756630
CIE _{Lab}	78.53, 26.34, 24.65
CIE _{LCh}	79, 36.076, 43.109
Yxy	54.1220, 0.4078, 0.3555
Android (android.graphics.Color)	4294946710 (0xFFFFAF96)
YUV	196.0700, -22.7125, 51.6816
Hunter-Lab	73.5677, 21.8715, 22.4607

Details

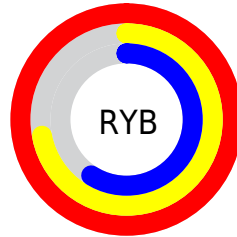
The XYZ color **62.0750, 54.1220, 36.0290** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.9231, 70.2946, 105.0702**, and the grayscale version is **52.6212, 55.3616, 60.2888**.

A 20% lighter version of the original color is **80.7150, 82.7715, 68.8491**, and **31.9766, 26.5557, 15.2448** is the 20% darker color. If you saturate the color by 10%, you get **56.7279, 46.3640, 25.1947**, and if you desaturate by 10%, it is **68.4157, 63.1519, 49.3997**.

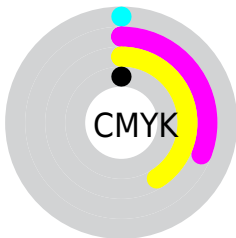
Distribution



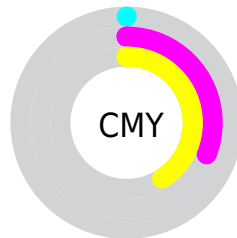
- Red (100%)
- Green (69%)
- Blue (59%)



- Red (100%)
- Yellow (72%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0750, 54.1220, 36.0290 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 62.0750, 54.1220, 36.0290 by changing the saturation by 10% instead.


 62.0750, 54.1220,
36.0290

 62.0750, 54.1220,
36.0290


421.9178,
402.5751, 344.1285

 45.3491, 38.6992,
24.1667


 106.9232, 96.2534,
70.2464

 31.9350, 26.5258,
15.2440


 135.7763,
123.7307, 93.4385

 21.4671, 17.2174,
8.8423


169.4025,
155.9950, 121.2444

 13.5803, 10.3896,
4.5430

208.1672,
193.4307, 154.0826

 7.9091, 5.6580,
1.9277

252.4357,
236.4222, 192.3715

 4.0881, 2.6383,
0.5103

302.5734,

 1.7521, 0.9460,

285.3538, 236.5298

0.0000

358.9457,
340.6099, 286.9760

■ 0.4886, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0750, 54.1220,
36.0290

■ 62.0750, 54.1220,
36.0290

■ 56.7279, 46.3640,
25.1947

■ 68.4157, 63.1519,
49.3997

■ 52.3178, 39.8122,
16.7318

■ 75.7941, 73.4999,
65.4513

■ 48.7886, 34.4064,
10.4605

■ 84.2569, 85.2197,
84.3209

■ 46.0758, 30.0780,
6.1736

■ 93.8463, 98.3593,
106.1356

■ 44.1049, 26.7503, 95.0499, 100.0000,
3.6234 108.9000

■ 42.8942, 24.5685,
2.4814

Harmonies

Analogous

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



65.9292, 54.1220, 50.4926



62.0750, 54.1220, 36.0290



55.5142, 54.1220, 28.8571

Triad

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



62.0750, 54.1220, 36.0290



39.4437, 54.1220, 48.2757



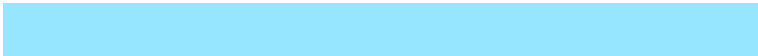
54.6029, 54.1220, 105.8471

Complementary

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



62.0750, 54.1220, 36.0290



58.9231, 70.2946, 105.0702

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.



47.5727, 54.1220, 104.8626



62.0750, 54.1220, 36.0290



39.2485, 54.1220, 68.2579

Square

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



62.0750, 54.1220, 36.0290



42.6575, 54.1220, 34.7296



42.0972, 54.1220, 89.9204



61.3551, 54.1220, 92.3623

Rectangle

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



62.0750, 54.1220, 36.0290



50.7038, 54.1220, 27.8559



42.0972, 54.1220, 89.9204



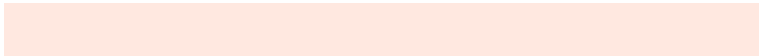
52.1860, 54.1220, 107.2752

Sweetspot

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



62.0764, 54.1246, 36.0301



83.5176, 84.2010, 82.6563



66.4998, 48.8144, 81.1489



17.6287, 17.6810, 17.1358



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.



62.0764, 54.1246, 36.0301



57.8100, 47.9478, 27.3446



74.2142, 78.4003, 40.0760



18.3605, 18.6892, 18.7840



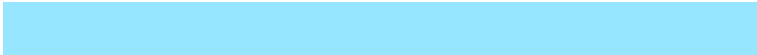
22.5082, 13.0275, 1.3283



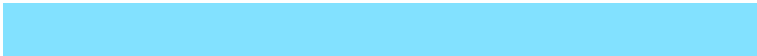
2.2715, 1.4284, 0.1560

Inverse Universe

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



58.9231, 70.2946, 105.0702



54.2546, 65.9517, 104.4782



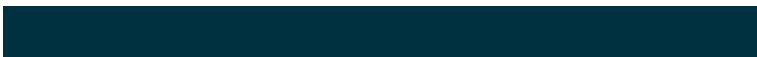
46.5485, 45.5453, 100.9454



18.1667, 19.7051, 23.0959



19.6648, 24.2391, 53.0768



1.9986, 2.5280, 5.1959

Previews

White Background



This preview shows how the XYZ color 62.0750, 54.1220, 36.0290 looks on a white background.

Color Contrast Check

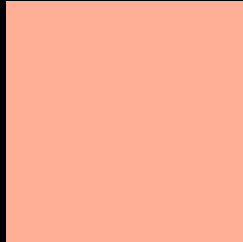
Large Text (above 18pt) WCAG AA × Fail

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 62.0750, 54.1220, 36.0290 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 62.0750, 54.1220, 36.0290

Background



This preview shows how black text looks on a background with the XYZ color 62.0750, 54.1220, 36.0290.



This preview shows how white text looks on a background with the XYZ color 62.0750, 54.1220,

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

62.0750, 54.1220, 36.0290

Protanopia

51.0034, 54.2086, 40.5760

Deuteranopia

55.4287, 54.3368, 35.5836



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

62.0750, 54.1220, 36.0290

Protanomaly

54.5115, 53.7882, 38.9616

Deuteranomaly

57.6182, 54.2140, 35.8613

Tritanomaly

63.6300, 54.1257, 46.1234

Monochromacy



Original Color

62.0750, 54.1220, 36.0290

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.7352, 53.9728, 50.1808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0750, 54.1220, 36.0290 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, 175, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 150)  
}
```

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, 175, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 150) }
```

Border

The CSS property to change the border of an element to XYZ 62.0750, 54.1220, 36.0290 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, 175, 150) }
```


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

```
.border{ border-color:rgb(255, 175, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0750, 54.1220, 36.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 150) }
```

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

```
.background{ background-color: rgb(255,  
175, 150) }
```

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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