

Converting Colors

XYZ(90.6582, 69.7807, 37.5865)

Have a look what the booklet for
XYZ(90.6582, 69.7807, 37.5865)
contains.

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Color

**XYZ(62.6654, 55.3028,
36.2258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB296
RGB	255, 178, 150
RGB Percent	100%, 70%, 59%
CMY	0.0000, 0.3019, 0.4118
CMYK	0.00, 0.30, 0.41, 0.00
HSL	16°, 100%, 79%
HSV	16°, 41%, 100%
XYZ	62.6654, 55.3028, 36.2258
YIQ	197.8310, 54.8800, 7.6160

Conversions

Conversions Part 2

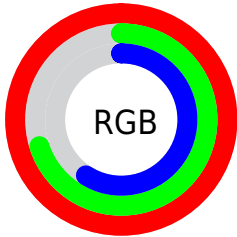
Format	Color
R_{YB}	255, 188, 150
Decimal	16757398
CIE _{Lab}	79.22, 24.77, 25.58
CIE _{LCh}	79, 35.605, 45.925
Yxy	55.3028, 0.4064, 0.3587
Android (android.graphics.Color)	4294947478 (0xFFFFB296)
YUV	197.8310, -23.5807, 50.1372
Hunter-Lab	74.3659, 20.2752, 23.1742

Details

The XYZ color **62.6654, 55.3028, 36.2258** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.0955, 68.6393, 104.7944**, and the grayscale version is **53.6905, 56.4865, 61.5138**.

A 20% lighter version of the original color is **81.5619, 84.4653, 69.1314**, and **32.3507, 27.3038, 15.3695** is the 20% darker color. If you saturate the color by 10%, you get **57.3610, 47.6303, 25.4058**, and if you desaturate by 10%, it is **68.9266, 64.1737, 49.5700**.

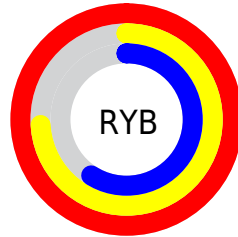
Distribution



Red (100%)

Green (70%)

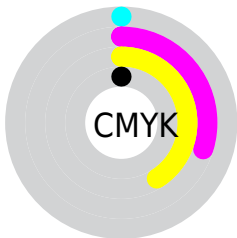
Blue (59%)



Red (100%)

Yellow (74%)

Blue (59%)

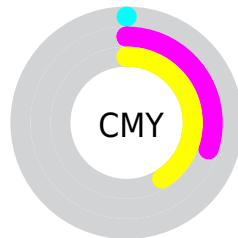


Cyan (0%)

Magenta (30%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6654, 55.3028, 36.2258 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 62.6654, 55.3028, 36.2258 by changing the saturation by 10% instead.


 62.6654, 55.3028,
36.2258


 62.6654, 55.3028,
36.2258


424.0331,
407.0587, 345.0136

 45.8282, 39.6442,
24.3176


 107.7712, 97.9845,
70.5534

 32.3143, 27.2612,
15.3550


 136.7704,
125.7763, 93.8099

 21.7584, 17.7695,
8.9195


170.5545,
158.3814, 121.6861

 13.7951, 10.7846,
4.5926

209.4886,
196.1841, 154.6007

 8.0590, 5.9222,
1.9558

253.9382,
239.5687, 192.9723

 4.1849, 2.7978,
0.5279

304.2685,

 1.8072, 1.0271,

288.9198, 237.2192

0.0000

360.8451,
344.6217, 287.7602

■ 0.5220, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.6654, 55.3028,
36.2258

■ 62.6654, 55.3028,
36.2258

■ 57.3610, 47.6303,
25.4058

■ 68.9266, 64.1737,
49.5700

■ 52.9595, 41.0956,
16.9457

■ 76.1861, 74.2839,
65.5820

■ 49.4078, 35.6449,
10.6669

■ 84.4883, 85.6825,
84.3981

■ 46.6449, 31.2162,
6.3633

■ 93.8734, 98.4134,
106.1446

■ 44.6000, 27.7405, 95.0499, 100.0000,
3.7884 108.9000

■ 43.3079, 25.3959,
2.6193

Harmonies

Analogous

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



66.8469, 55.3028, 50.0923



62.6654, 55.3028, 36.2258



55.9612, 55.3028, 29.6465

Triad

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



62.6654, 55.3028, 36.2258



40.3794, 55.3028, 51.1811



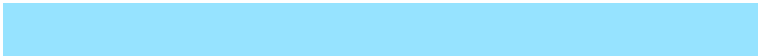
56.4073, 55.3028, 106.2948

Complementary

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



62.6654, 55.3028, 36.2258



58.0955, 68.6393, 104.7944

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.



49.3065, 55.3028, 106.7738



62.6654, 55.3028, 36.2258



40.4754, 55.3028, 71.6178

Square

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



62.6654, 55.3028, 36.2258



43.3352, 55.3028, 36.8671



43.6104, 55.3028, 92.9766



63.0173, 55.3028, 91.7866

Rectangle

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



62.6654, 55.3028, 36.2258



51.1641, 55.3028, 29.0477



43.6104, 55.3028, 92.9766



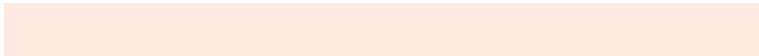
53.9885, 55.3028, 108.1966

Sweetspot

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



62.6668, 55.3055, 36.2269



83.7638, 84.6935, 82.7384



66.0117, 48.6192, 78.5785



17.6863, 17.7962, 17.1550



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.



62.6668, 55.3055, 36.2269



58.4368, 49.2015, 27.5536



75.1813, 80.3345, 40.3984



18.4034, 18.7750, 18.7983



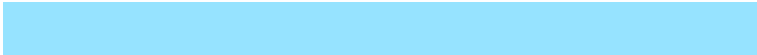
22.7331, 13.4774, 1.4032



2.2986, 1.4826, 0.1650

Inverse Universe

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



58.0955, 68.6393, 104.7944



53.2981, 64.0389, 104.1594



45.8609, 44.1702, 100.7162



18.1209, 19.6135, 23.0807



18.8446, 22.5989, 52.8034



1.9247, 2.3801, 5.1712

Previews

White Background



This preview shows how the XYZ color 62.6654, 55.3028, 36.2258 looks on a white background.

Color Contrast Check

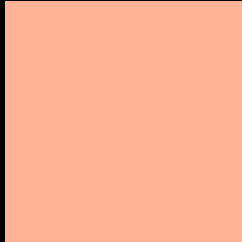
Large Text (above 18pt) WCAG AA × Fail

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 62.6654, 55.3028, 36.2258 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 62.6654, 55.3028, 36.2258

Background



This preview shows how black text looks on a background with the XYZ color 62.6654, 55.3028, 36.2258.



This preview shows how white text looks on a background with the XYZ color 62.6654, 55.3028,

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

62.6654, 55.3028, 36.2258

Protanopia

52.2060, 55.5038, 40.3095

Deuteranopia

56.8216, 55.6891, 35.7712



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

62.6654, 55.3028, 36.2258

Protanomaly

55.4780, 54.9305, 38.6890

Deuteranomaly

58.7090, 55.3931, 36.0314

Tritanomaly

64.2100, 54.9759, 47.2716

Monochromacy



Original Color

62.6654, 55.3028, 36.2258

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.1847, 55.6579, 51.4979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6654, 55.3028, 36.2258 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, 178, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 150) }
```

Border

The CSS property to change the border of an element to XYZ 62.6654, 55.3028, 36.2258 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, 178, 150) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6654, 55.3028, 36.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 150) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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