

Converting Colors

XYZ(62.7698, 56.1844, 34.1867)

Have a look what the booklet for
XYZ(62.7698, 56.1844, 34.1867)
contains.

XYZ(62.8747, 56.3521, 34.3512)	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(62.8747, 56.3521,
34.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB591
RGB	255, 181, 145
RGB Percent	100%, 71%, 57%
CMY	0.0000, 0.2902, 0.4314
CMYK	0.00, 0.29, 0.43, 0.00
HSL	20°, 100%, 78%
HSV	20°, 43%, 100%
XYZ	62.8747, 56.3521, 34.3512
YIQ	199.0220, 55.6600, 4.4920

Conversions

Conversions Part 2

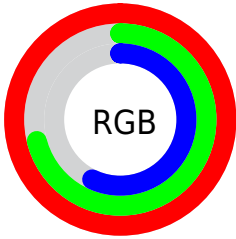
Format	Color
R _Y B	255, 199, 145
Decimal	16758161
CIE Lab	79.81, 22.67, 29.04
CIE LCh	80, 36.845, 52.026
Yxy	56.3521, 0.4094, 0.3669
Android (android.graphics.Color)	4294948241 (0xFFFFB591)
YUV	199.0220, -26.6328, 49.0927
Hunter-Lab	75.0680, 18.1371, 25.4165

Details

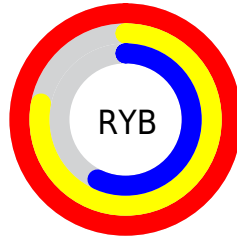
The XYZ color **62.8747, 56.3521, 34.3512** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.0574, 63.9000, 104.0397**, and the grayscale version is **54.4348, 57.2697, 62.3667**.

A 20% lighter version of the original color is **81.8330, 85.9519, 66.3101**, and **32.5045, 27.9823, 14.2776** is the 20% darker color. If you saturate the color by 10%, you get **57.8492, 49.1025, 24.0398**, and if you desaturate by 10%, it is **68.7738, 64.6426, 47.1319**.

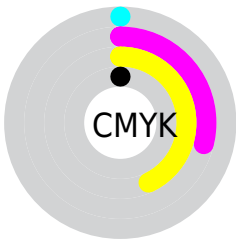
Distribution



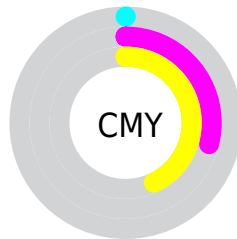
- Red (100%)
- Green (71%)
- Blue (57%)



- Red (100%)
- Yellow (78%)
- Blue (57%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8747, 56.3521, 34.3512 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 62.8747, 56.3521, 34.3512 by changing the saturation by 10% instead.


 62.8747, 56.3521,
34.3512


 62.8747, 56.3521,
34.3512


424.7815,
411.0171, 336.5120

 45.9981, 40.4853,
22.8840


 108.0715, 99.5192,
67.6196

 32.4490, 27.9171,
14.3034


 137.1225,
127.5883, 90.2578

 21.8619, 18.2632,
8.1908


170.9623,
160.4936, 117.4568

 13.8715, 11.1391,
4.1278

209.9564,
198.6195, 149.6351

 8.1124, 6.1605,
1.6957

254.4699,
242.3504, 187.2112

 4.2194, 2.9429,
0.3578

304.8684,

 1.8270, 1.1020,

292.0707, 230.6037

0.0000

361.5171,
348.1648, 280.2312

0.5338, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

62.8747, 56.3521,
34.3512

62.8747, 56.3521,
34.3512

57.8492, 49.1025,
24.0398

68.7738, 64.6426,
47.1319

53.6476, 42.8425,
16.0319

75.5841, 74.0060,
62.5263

50.2212, 37.5285,
10.1462

83.3460, 84.4833,
80.6715

47.5137, 33.1099,
6.1722

92.0961, 96.1104,
101.6940

■ 45.4590, 29.5299, 95.0499, 100.0000,
3.8550 108.9000

■ 44.3691, 27.5183,
2.9731

Harmonies

Analogous

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



67.9794, 56.3521, 47.2133



62.8747, 56.3521, 34.3512



55.5745, 56.3521, 29.0191

Triad

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



62.8747, 56.3521, 34.3512



40.5817, 56.3521, 55.8366



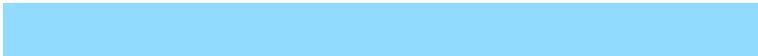
59.1189, 56.3521, 107.8280

Complementary

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



62.8747, 56.3521, 34.3512



55.0574, 63.9000, 104.0397

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.



51.5967, 56.3521, 111.6578



62.8747, 56.3521, 34.3512



41.3407, 56.3521, 78.0781

Square

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



62.8747, 56.3521, 34.3512



43.0368, 56.3521, 39.4044



45.2157, 56.3521, 99.7445



65.6746, 56.3521, 90.2450

Rectangle

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



62.8747, 56.3521, 34.3512



50.6294, 56.3521, 29.3260



45.2157, 56.3521, 99.7445



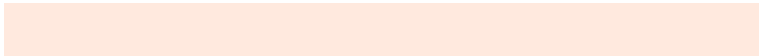
56.6036, 56.3521, 110.9083

Sweetspot

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



62.8761, 56.3548, 34.3523



83.4590, 84.6345, 80.9392



64.3059, 46.6874, 73.4484



17.4784, 17.5986, 16.4132



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.



62.8761, 56.3548, 34.3523



58.3782, 49.8761, 25.0927



76.0115, 82.6257, 38.7308



18.4949, 18.9580, 18.8288



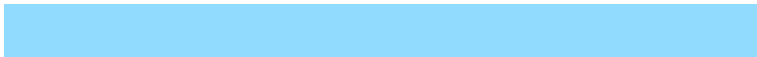
23.3043, 14.6198, 1.5936



2.3639, 1.6131, 0.1868

Inverse Universe

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



55.0574, 63.9000, 104.0397



49.5756, 58.2724, 103.2425



43.2127, 40.2107, 100.0914



18.0244, 19.4204, 23.0485



17.2356, 19.3808, 52.2670



1.7779, 2.0866, 5.1223

Previews

White Background



This preview shows how the XYZ color 62.8747, 56.3521, 34.3512 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 62.8747, 56.3521, 34.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

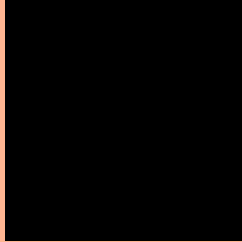
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8747, 56.3521, 34.3512

Background



This preview shows how black text looks on a background with the XYZ color 62.8747, 56.3521, 34.3512.



This preview shows how white text looks on a background with the XYZ color 62.8747, 56.3521,

34.3512.

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

62.8747, 56.3521, 34.3512

Protanopia

53.0952, 56.6851, 38.2799

Deuteranopia

57.6323, 56.4722, 33.8493



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

62.8747, 56.3521, 34.3512

Protanomaly

56.3496, 56.3953, 36.7696

Deuteranomaly

59.4223, 56.4315, 34.1460

Tritanomaly

64.7032, 56.1179, 46.9568

Monochromacy



Original Color

62.8747, 56.3521, 34.3512

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1997, 56.0140, 50.4976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8747, 56.3521, 34.3512 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, 181, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 145)  
}
```

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, 181, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 145) }
```

Border

The CSS property to change the border of an element to XYZ 62.8747, 56.3521, 34.3512 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, 181, 145) }
```


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

```
.border{ border-color:rgb(255, 181, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8747, 56.3521, 34.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 145) }
```

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

```
.background{ background-color: rgb(255,  
181, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor