

Converting Colors

XYZ(68.3469, 59.3565, 30.0097)

Have a look what the booklet for
XYZ(68.3469, 59.3565, 30.0097)
contains.

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Color

**XYZ(61.9975, 56.0012,
29.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB585
RGB	255, 181, 133
RGB Percent	100%, 71%, 52%
CMY	0.0000, 0.2902, 0.4784
CMYK	0.00, 0.29, 0.48, 0.00
HSL	24°, 100%, 76%
HSV	24°, 48%, 100%
XYZ	61.9975, 56.0012, 29.7320
YIQ	197.6540, 59.5120, 0.7600

Conversions

Conversions Part 2

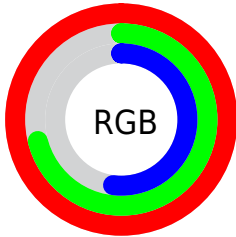
Format	Color
R _Y B	255, 212, 133
Decimal	16758149
CIE Lab	79.61, 21.49, 35.10
CIE LCh	80, 41.158, 58.517
Yxy	56.0012, 0.4197, 0.3791
Android (android.graphics.Color)	4294948229 (0xFFFFB585)
YUV	197.6540, -31.8744, 50.2924
Hunter-Lab	74.8339, 16.9220, 28.8275

Details

The XYZ color **61.9975, 56.0012, 29.7320** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.0346, 56.8297, 102.9396**, and the grayscale version is **53.6297, 56.4226, 61.4442**.

A 20% lighter version of the original color is **80.4938, 85.4162, 59.2582**, and **31.7862, 27.6650, 11.8482** is the 20% darker color. If you saturate the color by 10%, you get **57.4731, 49.4378, 20.5620**, and if you desaturate by 10%, it is **67.3014, 63.4393, 41.2725**.

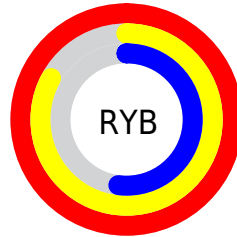
Distribution



Red (100%)

Green (71%)

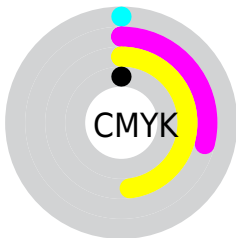
Blue (52%)



Red (100%)

Yellow (83%)

Blue (52%)

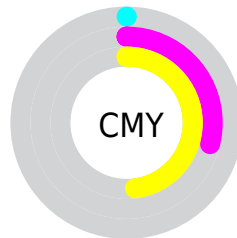


Cyan (0%)

Magenta (29%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9975, 56.0012, 29.7320 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 61.9975, 56.0012, 29.7320 by changing the saturation by 10% instead.


 61.9975, 56.0012,
29.7320

 61.9975, 56.0012,
29.7320


421.6397,
409.6960, 314.8216


 45.2863, 40.2039,
19.3849


 106.8119, 99.0063,
60.2941

 31.8852, 27.6975,
11.7691


 135.6457,
126.9829, 81.3462

 21.4290, 18.0978,
6.4660

 169.2512,
159.7881, 106.8037

 13.5522, 11.0202,
3.0571

207.9936,
197.8062, 137.0852

 7.8895, 6.0804,
1.1239

252.2383,
241.4217, 172.6092

 4.0755, 2.8941,
0.0000

302.3506,

 1.7449, 1.0767,

291.0189, 213.7942

0.0000

358.6960,
346.9822, 261.0588

0.4842, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.9975, 56.0012,
29.7320

61.9975, 56.0012,
29.7320

57.4731, 49.4378,
20.5620

67.3014, 63.4393,
41.2725

53.6812, 43.7057,
13.5898

73.4199, 71.7770,
55.3330

50.5755, 38.7694,
8.6237

80.3906, 81.0481,
72.0546

48.1011, 34.5866,
5.4371

88.2474, 91.2820,
91.5665

■ 46.1879, 31.1077, 95.0499, 99.9999,
3.7280 108.9000

■ 45.8297, 30.4396,
3.4599

Harmonies

Analogous

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



68.5051, 56.0012, 41.6673



61.9975, 56.0012, 29.7320



53.6412, 56.0012, 25.7672

Triad

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



61.9975, 56.0012, 29.7320



38.8245, 56.0012, 59.8016



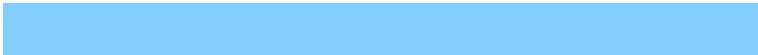
61.2096, 56.0012, 110.5526

Complementary

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



61.9975, 56.0012, 29.7320



50.0346, 56.8297, 102.9396

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.



52.8159, 56.0012, 118.9739



61.9975, 56.0012, 29.7320



40.4090, 56.0012, 85.4822

Square

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



61.9975, 56.0012, 29.7320



40.7533, 56.0012, 40.0993



45.3261, 56.0012, 108.8046



68.0180, 56.0012, 88.0720

Rectangle

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



61.9975, 56.0012, 29.7320



48.3218, 56.0012, 27.1128



45.3261, 56.0012, 108.8046



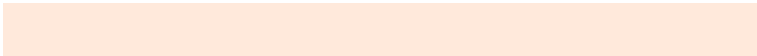
58.4543, 56.0012, 115.3433

Sweetspot

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



61.9989, 56.0039, 29.7331



83.3031, 84.8651, 79.2152



61.0416, 42.6011, 64.8310



17.4768, 17.7021, 16.0837



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.



61.9989, 56.0039, 29.7331



57.8256, 49.9584, 21.2473



76.8599, 85.7259, 34.6868



18.5957, 19.1595, 18.8624



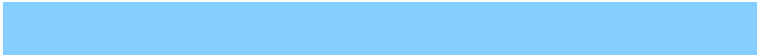
24.0822, 16.1756, 1.8529



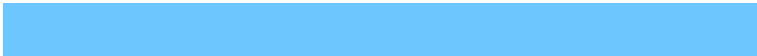
2.4476, 1.7805, 0.2147

Inverse Universe

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



50.0346, 56.8297, 102.9396



44.5867, 50.8122, 102.0655



38.1934, 33.1472, 98.9925



17.9198, 19.2113, 23.0136



15.6763, 16.2622, 51.7473



1.6329, 1.7965, 5.0740

Previews

White Background



This preview shows how the XYZ color 61.9975, 56.0012, 29.7320 looks on a white background.

Color Contrast Check

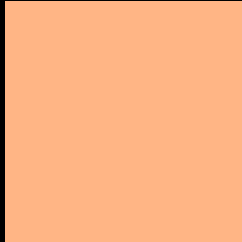
Large Text (above 18pt) WCAG AA × Fail

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 61.9975, 56.0012, 29.7320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

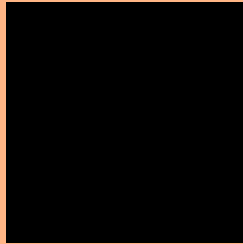
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9975, 56.0012, 29.7320

Background



This preview shows how black text looks on a background with the XYZ color 61.9975, 56.0012, 29.7320.



This preview shows how white text looks on a background with the XYZ color 61.9975, 56.0012,

29.7320.

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

61.9975, 56.0012, 29.7320

Protanopia

52.3683, 56.4278, 32.9425

Deuteranopia

57.2194, 56.0384, 29.2734



Tritanopia

65.8424, 55.9415, 54.9045

Trichromacy



Original Color

61.9975, 56.0012, 29.7320

Protanomaly

55.3599, 55.9994, 31.5581

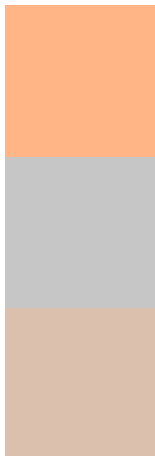
Deuteranomaly

59.0320, 56.0169, 29.5308

Tritanomaly

64.2283, 55.9279, 44.4558

Monochromacy



Original Color

61.9975, 56.0012, 29.7320

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.7030, 55.8153, 47.8820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9975, 56.0012, 29.7320 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 133) }
```

Border

The CSS property to change the border of an element to XYZ 61.9975, 56.0012, 29.7320 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, 133) }
```


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

```
.border{ border-color:rgb(255, 181, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9975, 56.0012, 29.7320 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, 133) }
```

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

```
.background{ background-color: rgb(255,  
181, 133) }
```

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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