

Converting Colors

XYZ(63.1782, 56.3387, 30.3015)

Have a look what the booklet for
XYZ(63.1782, 56.3387, 30.3015)
contains.

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Color

**XYZ(61.9344, 55.6518,
30.3992)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB487
RGB	255, 180, 135
RGB Percent	100%, 71%, 53%
CMY	0.0000, 0.2941, 0.4706
CMYK	0.00, 0.29, 0.47, 0.00
HSL	23°, 100%, 76%
HSV	23°, 47%, 100%
XYZ	61.9344, 55.6518, 30.3992
YIQ	197.2950, 59.1450, 1.9050

Conversions

Conversions Part 2

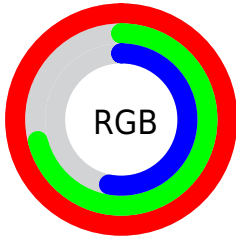
Format	Color
R _Y B	255, 207, 135
Decimal	16757895
CIE Lab	79.42, 22.21, 33.79
CIE LCh	79, 40.436, 56.690
Yxy	55.6518, 0.4185, 0.3761
Android (android.graphics.Color)	4294947975 (0xFFFFB487)
YUV	197.2950, -30.7114, 50.6073
Hunter-Lab	74.6001, 17.6437, 28.0597

Details

The XYZ color **61.9344, 55.6518, 30.3992** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.0871, 58.4614, 103.1990**, and the grayscale version is **53.4053, 56.1865, 61.1871**.

A 20% lighter version of the original color is **80.4208, 84.9250, 60.2977**, and **31.9940, 27.5704, 12.2297** is the 20% darker color. If you saturate the color by 10%, you get **57.3154, 48.9511, 21.0376**, and if you desaturate by 10%, it is **67.3561, 63.2697, 42.1504**.

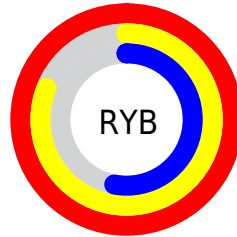
Distribution



Red (100%)

Green (71%)

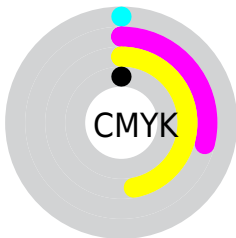
Blue (53%)



Red (100%)

Yellow (81%)

Blue (53%)

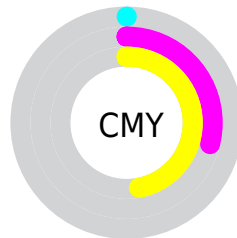


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9344, 55.6518, 30.3992 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 61.9344, 55.6518, 30.3992 by changing the saturation by 10% instead.


 61.9344, 55.6518,
30.3992


 61.9344, 55.6518,
30.3992


421.4131,
408.3780, 318.0258


 45.2351, 39.9238,
19.8872


 106.7212, 98.4953,
61.3614

 31.8447, 27.4792,
12.1298


 135.5394,
126.3796, 82.6486

 21.3979, 17.9334,
6.7085


 169.1279,
159.0848, 108.3646

 13.5293, 10.9022,
3.2048

207.8521,
196.9953, 138.9280

 7.8735, 6.0011,
1.2001

252.0774,
240.4954, 174.7573

 4.0652, 2.8457,
0.0000

302.1691,

 1.7391, 1.0517,

289.9697, 216.2710

0.0000

358.4926,
345.8024, 263.8877

■ 0.4806, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.9344, 55.6518,
30.3992

■ 61.9344, 55.6518,
30.3992

■ 57.3154, 48.9511,
21.0376

■ 67.3561, 63.2697,
42.1504

■ 53.4512, 43.1221,
13.8941

■ 73.6162, 71.8318,
56.4401

■ 50.2946, 38.1269,
8.7786

■ 80.7534, 81.3736,
73.4087

■ 47.7900, 33.9210,
5.4676

■ 88.8021, 91.9264,
93.1851

■ 45.8694, 30.4533, 95.0498, 99.9999,
3.6759 108.9000

■ 45.3897, 29.5597,
3.3133

Harmonies

Analogous

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



68.0951, 55.6518, 42.6601



61.9344, 55.6518, 30.3992



53.8014, 55.6518, 26.0384

Triad

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



61.9344, 55.6518, 30.3992



38.7984, 55.6518, 58.0517



60.2170, 55.6518, 109.9257

Complementary

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



61.9344, 55.6518, 30.3992



51.0871, 58.4614, 103.1990

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.



51.9996, 55.6518, 117.0446



61.9344, 55.6518, 30.3992



40.1445, 55.6518, 82.9620

Square

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



61.9344, 55.6518, 30.3992



40.8988, 55.6518, 39.2203



44.7816, 55.6518, 106.1324



67.0346, 55.6518, 88.5950

Rectangle

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



61.9344, 55.6518, 30.3992



48.5401, 55.6518, 27.0814



44.7816, 55.6518, 106.1324



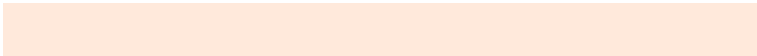
57.5037, 55.6518, 114.2632

Sweetspot

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



61.9358, 55.6545, 30.4003



83.1168, 84.4923, 79.1530



61.6620, 43.2915, 66.7344



17.4316, 17.6118, 16.0687



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.



61.9358, 55.6545, 30.4003



57.7679, 49.6185, 21.9203



76.4796, 84.7422, 35.2482



18.5675, 19.1032, 18.8530



23.8486, 15.7085, 1.7751



2.4229, 1.7312, 0.2064

Inverse Universe

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



51.0871, 58.4614, 103.1990



45.7476, 52.6579, 102.3606



39.1087, 34.5046, 99.2062



17.9489, 19.2694, 23.0233



16.0906, 17.0908, 51.8854



1.6717, 1.8742, 5.0869

Previews

White Background



This preview shows how the XYZ color 61.9344, 55.6518, 30.3992 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 61.9344, 55.6518, 30.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

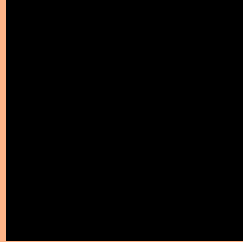
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9344, 55.6518, 30.3992

Background



This preview shows how black text looks on a background with the XYZ color 61.9344, 55.6518, 30.3992.



This preview shows how white text looks on a background with the XYZ color 61.9344, 55.6518,

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

61.9344, 55.6518, 30.3992

Protanopia

52.0001, 55.8825, 33.6369

Deuteranopia

57.0233, 55.9215, 29.9788



Tritanopia

65.5396, 55.5078, 54.2735

Trichromacy



Original Color

61.9344, 55.6518, 30.3992

Protanomaly

55.2859, 55.6197, 32.2479

Deuteranomaly

58.8241, 55.8937, 30.2425

Tritanomaly

64.0300, 55.5314, 44.3897

Monochromacy



Original Color

61.9344, 55.6518, 30.3992

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.1842, 55.2230, 47.7950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9344, 55.6518, 30.3992 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, 180, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 135)  
}
```

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, 180, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 135) }
```

Border

The CSS property to change the border of an element to XYZ 61.9344, 55.6518, 30.3992 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, 180, 135) }
```


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

```
.border{ border-color:rgb(255, 180, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9344, 55.6518, 30.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 135) }
```

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

```
.background{ background-color: rgb(255,  
180, 135) }
```

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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