

Converting Colors

XYZ(61.3398, 56.7085, 23.2771)

Have a look what the booklet for
XYZ(61.3398, 56.7085, 23.2771)
contains.

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Color

**XYZ(61.3611, 56.7332,
23.3393)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB871
RGB	255, 184, 113
RGB Percent	100%, 72%, 44%
CMY	0.0000, 0.2784, 0.5569
CMYK	0.00, 0.28, 0.56, 0.00
HSL	30°, 100%, 72%
HSV	30°, 56%, 100%
XYZ	61.3611, 56.7332, 23.3393
YIQ	197.1350, 65.1070, -7.0290

Conversions

Conversions Part 2

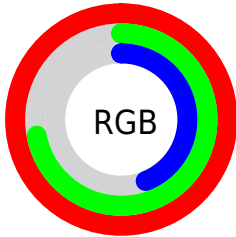
Format	Color
R_{YB}	255, 255, 113
Decimal	16758897
CIE _{Lab}	80.03, 18.22, 45.87
CIE _{LCh}	80, 49.359, 68.341
Yxy	56.7332, 0.4339, 0.4011
Android (android.graphics.Color)	4294948977 (0xFFFFB871)
YUV	197.1350, -41.4786, 50.7476
Hunter-Lab	75.3214, 13.6036, 34.3533

Details

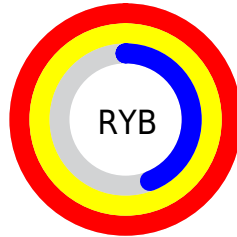
The XYZ color **61.3611, 56.7332, 23.3393** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9997, 45.0096, 101.0814**, and the grayscale version is **53.3689, 56.1483, 61.1455**.

A 20% lighter version of the original color is **79.2830, 86.3334, 48.5617**, and **31.5192, 28.1936, 8.4833** is the 20% darker color. If you saturate the color by 10%, you get **57.5924, 51.1796, 15.9680**, and if you desaturate by 10%, it is **65.7745, 62.9311, 32.9160**.

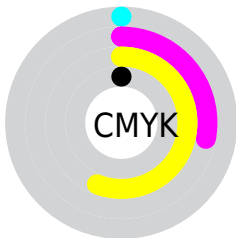
Distribution



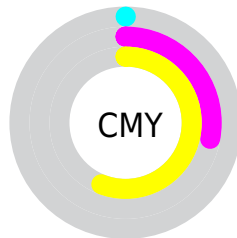
- Red (100%)
- Green (72%)
- Blue (44%)



- Red (100%)
- Yellow (100%)
- Blue (44%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3611, 56.7332, 23.3393 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 61.3611, 56.7332, 23.3393 by changing the saturation by 10% instead.

61.3611, 56.7332,
23.3393

61.3611, 56.7332,
23.3393

419.3515,
412.4488, 282.6411

44.7703, 40.7911,
14.6366

105.8968,
100.0758, 49.8801

31.4770, 28.1559,
8.4210

134.5723,
128.2450, 68.5553

21.1160, 18.4432,
4.2739

168.0069,
161.2588, 91.3917

13.3218, 11.2686,
1.7768

206.5657,
199.5014, 118.8079

7.7290, 6.2478,
0.4126

250.6143,
243.3574, 151.2224

3.9724, 2.9964,
0.0000

300.5179,

1.6865, 1.1298,

293.2110, 189.0537

0.0000

356.6418,
349.4467, 232.7205

0.4478, 0.0032,
0.0000

0.0000, 0.0000,
0.0000

61.3611, 56.7332,
23.3393

61.3611, 56.7332,
23.3393

57.5924, 51.1796,
15.9680

65.7745, 62.9311,
32.9160

54.4232, 46.2354,
10.6137

70.8653, 69.7892,
44.8586

51.8079, 41.8742,
7.0615

76.6684, 77.3332,
59.3162

49.6893, 38.0622,
5.0445

83.2148, 85.5843,
76.4248

48.8953, 36.5708,
4.4818

90.5336, 94.5630,
96.3103

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



70.5128, 56.7332, 33.4486



61.3611, 56.7332, 23.3393



51.1731, 56.7332, 21.6486

Triad

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



61.3611, 56.7332, 23.3393



37.0000, 56.7332, 70.1383



66.7968, 56.7332, 116.0267

Complementary

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



61.3611, 56.7332, 23.3393



41.9997, 45.0096, 101.0814

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.



56.7701, 56.7332, 134.1440



61.3611, 56.7332, 23.3393



40.1639, 56.7332, 102.7729

Square

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



61.3611, 56.7332, 23.3393



37.9082, 56.7332, 43.5432



47.1120, 56.7332, 128.6591



73.9121, 56.7332, 84.4897

Rectangle

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



61.3611, 56.7332, 23.3393



45.2744, 56.7332, 24.7905



47.1120, 56.7332, 128.6591



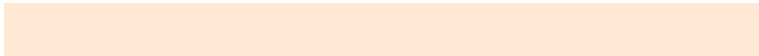
63.6088, 56.7332, 124.2721

Sweetspot

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



61.3625, 56.7360, 23.3404



82.3111, 84.4589, 74.0201



55.7970, 36.5314, 49.4583



17.3277, 17.7146, 15.0764



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.



61.3625, 56.7360, 23.3404



57.1426, 50.4955, 15.1532



79.9804, 93.9719, 29.5464



18.7598, 19.4878, 18.9171



25.6983, 19.4077, 2.3916



2.6114, 2.1081, 0.2693

Inverse Universe

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



41.9997, 45.0096, 101.0814



36.0134, 37.6994, 99.9863



30.7656, 22.5415, 97.3367



17.7533, 18.8783, 22.9581



13.5795, 12.0686, 51.0483



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 61.3611, 56.7332, 23.3393 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 61.3611, 56.7332, 23.3393 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 61.3611, 56.7332, 23.3393

Background



This preview shows how black text looks on a background with the XYZ color 61.3611, 56.7332, 23.3393.



This preview shows how white text looks on a background with the XYZ color 61.3611, 56.7332,

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

61.3611, 56.7332, 23.3393

Protanopia

52.6069, 57.0603, 25.3806

Deuteranopia

58.3002, 57.0514, 23.2685



Tritanopia

66.3457, 56.7749, 55.6060

Trichromacy



Original Color

61.3611, 56.7332, 23.3393

Protanomaly

55.3992, 56.8335, 24.5731

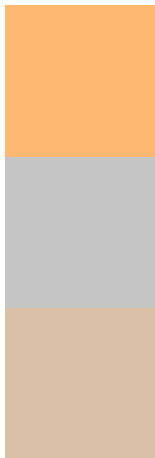
Deuteranomaly

59.2656, 56.9104, 23.1904

Tritanomaly

63.9943, 56.4757, 41.2463

Monochromacy



Original Color

61.3611, 56.7332, 23.3393

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.6460, 55.3579, 43.8814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3611, 56.7332, 23.3393 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, 184, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 113)  
}
```

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, 184, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 113) }
```

Border

The CSS property to change the border of an element to XYZ 61.3611, 56.7332, 23.3393 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, 184, 113) }
```


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

```
.border{ border-color:rgb(255, 184, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3611, 56.7332, 23.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 113) }
```

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

```
.background{ background-color: rgb(255,  
184, 113) }
```

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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