

Converting Colors

XYZ(60.1195, 55.1368, 36.6155)

Have a look what the booklet for
XYZ(60.1195, 55.1368, 36.6155)
contains.

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Color

**XYZ(60.3199, 55.2831,
36.7697)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B697
RGB	246, 182, 151
RGB Percent	96%, 71%, 59%
CMY	0.0353, 0.2862, 0.4078
CMYK	0.00, 0.26, 0.39, 0.04
HSL	20°, 84%, 78%
HSV	20°, 39%, 96%
XYZ	60.3199, 55.2831, 36.7697
YIQ	197.6020, 48.0950, 3.9270

Conversions

Conversions Part 2

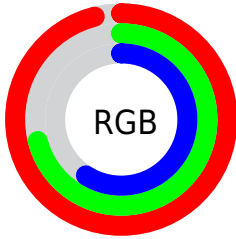
Format	Color
R_{YB}	246, 197, 151
Decimal	16168599
CIE _{Lab}	79.20, 19.32, 24.87
CIE _{LCh}	79, 31.490, 52.163
Yxy	55.2831, 0.3959, 0.3628
Android (android.graphics.Color)	4294358679 (0xFFFF6B697)
YUV	197.6020, -22.9748, 42.4450
Hunter-Lab	74.3526, 14.6943, 22.7261

Details

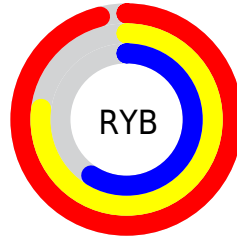
The XYZ color **60.3199, 55.2831, 36.7697** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.6966, 61.8317, 96.2933**, and the grayscale version is **53.5507, 56.3395, 61.3537**.

A 20% lighter version of the original color is **82.8340, 86.8168, 70.1491**, and **30.8895, 27.3120, 15.7003** is the 20% darker color. If you saturate the color by 10%, you get **55.3316, 48.1771, 26.2576**, and if you desaturate by 10%, it is **66.1295, 63.3644, 49.6131**.

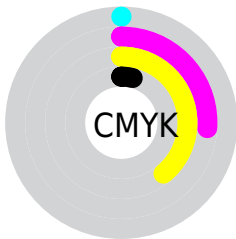
Distribution



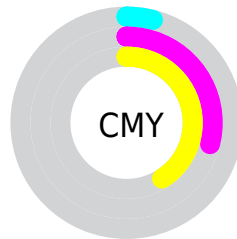
- Red (96%)
- Green (71%)
- Blue (59%)



- Red (96%)
- Yellow (77%)
- Blue (59%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3199, 55.2831, 36.7697 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 60.3199, 55.2831, 36.7697 by changing the saturation by 10% instead.

60.3199, 55.2831,
36.7697

60.3199, 55.2831,
36.7697

415.5918,
406.9842, 347.4510

43.9270, 39.6284,
24.7348

104.3973, 97.9556,
71.4008

30.8108, 27.2490,
15.6624

132.8125,
125.7423, 94.8341

20.6059, 17.7603,
9.1338

165.9658,
158.3417, 122.9040

12.9471, 10.7780,
4.7306

204.2226,
196.1382, 156.0290

7.4689, 5.9178,
2.0341

247.9482,
239.5164, 194.6277

3.8059, 2.7951,
0.5761

297.5081,

1.5929, 1.0257,

288.8605, 239.1186

0.0000

353.2675,
344.5550, 289.9201

■ 0.3878, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3199, 55.2831,
36.7697

■ 60.3199, 55.2831,
36.7697

■ 55.3316, 48.1771,
26.2576

■ 66.1295, 63.3644,
49.6131

■ 51.1204, 42.0000,
17.9313

■ 72.7933, 72.4491,
64.9147

■ 47.6437, 36.7135,
11.6339

■ 80.3475, 82.5740,
82.7960

■ 44.8528, 32.2728,
7.1856

■ 88.8247, 93.7716,
103.3695

■ 42.6917, 28.6288,
4.3745

■ 91.8160, 98.3328,
108.7487

■ 41.0858, 25.7225,
2.8972

■ 40.8958, 25.3723,
2.7419

Harmonies

Analogous

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



64.5627, 55.2831, 48.0477



60.3199, 55.2831, 36.7697



54.2116, 55.2831, 31.9832

Triad

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



60.3199, 55.2831, 36.7697



41.4493, 55.2831, 55.5927



57.2417, 55.2831, 98.3158

Complementary

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



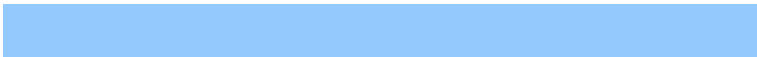
60.3199, 55.2831, 36.7697



53.6966, 61.8317, 96.2933

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.



50.9127, 55.2831, 101.4499



60.3199, 55.2831, 36.7697



42.1194, 55.2831, 74.2318

Square

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



60.3199, 55.2831, 36.7697



43.5588, 55.2831, 41.3457



45.4685, 55.2831, 91.9089



62.6890, 55.2831, 84.0437

Rectangle

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



60.3199, 55.2831, 36.7697



50.0372, 55.2831, 32.2821



45.4685, 55.2831, 91.9089



55.1351, 55.2831, 100.8081

Sweetspot

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



60.3213, 55.2857, 36.7708



84.2820, 85.7298, 82.9111



61.4568, 46.6801, 70.6806



17.8076, 18.0389, 17.1954



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.



60.3213, 55.2857, 36.7708



61.3278, 54.1304, 31.1469



71.4963, 77.6357, 40.4958



16.9408, 17.3657, 17.2566



21.9418, 13.7692, 1.5013



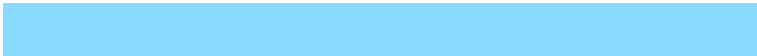
2.0182, 1.3897, 0.1619

Inverse Universe

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



53.6966, 61.8317, 96.2933



53.2215, 62.0775, 103.7848



43.4773, 41.3931, 92.8869



16.5143, 17.7929, 21.1065



16.2627, 18.3192, 49.2169



1.5227, 1.7968, 4.3568

Previews

White Background



This preview shows how the XYZ color 60.3199, 55.2831, 36.7697 looks on a white background.

Color Contrast Check

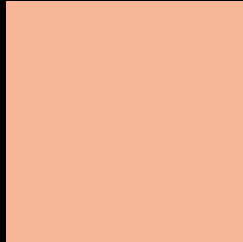
Large Text (above 18pt) WCAG AA × Fail

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 60.3199, 55.2831, 36.7697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

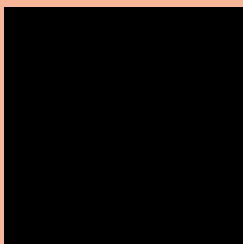
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3199, 55.2831, 36.7697

Background



This preview shows how black text looks on a background with the XYZ color 60.3199, 55.2831, 36.7697.



This preview shows how white text looks on a background with the XYZ color 60.3199, 55.2831,

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

60.3199, 55.2831, 36.7697

Protanopia

52.2060, 55.5038, 40.3095

Deuteranopia

56.4432, 55.1574, 36.5257



Tritanopia

64.4407, 55.4860, 56.0287

Trichromacy



Original Color

60.3199, 55.2831, 36.7697

Protanomaly

54.6714, 55.1578, 38.7754

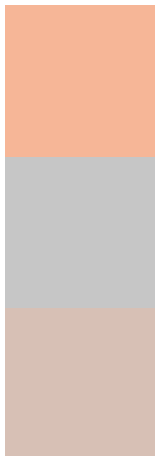
Deuteranomaly

57.6560, 55.1527, 36.4609

Tritanomaly

63.0235, 55.5145, 48.4680

Monochromacy



Original Color

60.3199, 55.2831, 36.7697

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.2145, 55.4825, 51.5151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3199, 55.2831, 36.7697 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(246, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(246, 182, 151)  
}
```

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(246, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 182, 151) }
```

Border

The CSS property to change the border of an element to XYZ 60.3199, 55.2831, 36.7697 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(246, 182, 151) }
```


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

```
.border{ border-color:rgb(246, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(246, 182,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3199, 55.2831, 36.7697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 182, 151) }
```

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

```
.background{ background-color: rgb(246,  
182, 151) }
```

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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