

Converting Colors

XYZ(63.0097, 56.3476, 38.4920)

Have a look what the booklet for
XYZ(63.0097, 56.3476, 38.4920)
contains.

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Color

**XYZ(62.9483, 56.2970,
38.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	FDB59B
RGB	253, 181, 155
RGB Percent	99%, 71%, 61%
CMY	0.0078, 0.2902, 0.3922
CMYK	0.00, 0.28, 0.39, 0.01
HSL	16°, 96%, 80%
HSV	16°, 39%, 99%
XYZ	62.9483, 56.2970, 38.5590
YIQ	199.5640, 51.2580, 7.1780

Conversions

Conversions Part 2

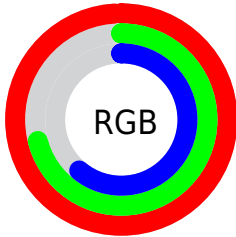
Format	Color
R _Y B	253, 190, 155
Decimal	16627099
CIE Lab	79.78, 22.98, 23.64
CIE LCh	80, 32.968, 45.821
Yxy	56.2970, 0.3989, 0.3568
Android (android.graphics.Color)	4294817179 (0xFFFD59B)
YUV	199.5640, -21.9701, 46.8634
Hunter-Lab	75.0313, 18.4496, 22.0525

Details

The XYZ color **62.9483, 56.2970, 38.5590** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.7151, 68.9958, 103.1514**, and the grayscale version is **54.7416, 57.5924, 62.7182**.

A 20% lighter version of the original color is **83.1570, 86.4815, 73.2825**, and **32.4660, 27.9072, 16.7722** is the 20% darker color. If you saturate the color by 10%, you get **57.5117, 48.4754, 27.3397**, and if you desaturate by 10%, it is **69.3371, 65.3105, 52.2929**.

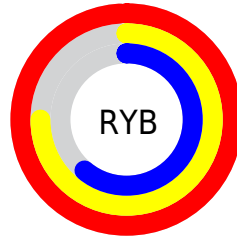
Distribution



Red (99%)

Green (71%)

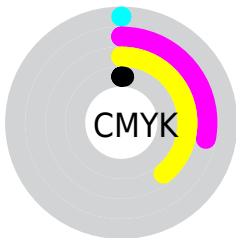
Blue (61%)



Red (99%)

Yellow (75%)

Blue (61%)

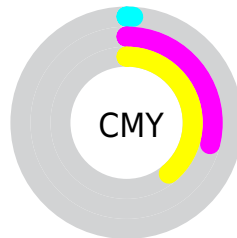


Cyan (0%)

Magenta (28%)

Yellow (39%)

Black (1%)



Cyan (1%)


Magenta (29%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9483, 56.2970, 38.5590 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 62.9483, 56.2970, 38.5590 by changing the saturation by 10% instead.


 62.9483, 56.2970,
38.5590


 62.9483, 56.2970,
38.5590


425.0445,
410.8098, 355.3817

 46.0579, 40.4411,
26.1116


 108.1772, 99.4387,
74.1770

 32.4963, 27.8826,
16.6807


 137.2463,
127.4933, 98.1848

 21.8983, 18.2372,
9.8475


171.1057,
160.3829, 126.8831

 13.8983, 11.1204,
5.1937

210.1208,
198.4919, 160.6905

 8.1312, 6.1479,
2.3006

254.6568,
242.2047, 200.0255

 4.2315, 2.9352,
0.7316

305.0792,

 1.8339, 1.0980,

291.9056, 245.3067

0.0000

361.7533,
347.9792, 296.9526

■ 0.5380, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.9483, 56.2970,
38.5590

■ 62.9483, 56.2970,
38.5590

■ 57.5117, 48.4754,
27.3397

■ 69.3371, 65.3105,
52.2929

■ 52.9753, 41.7866,
18.4774

■ 76.7181, 75.5554,
68.6792

■ 49.2880, 36.1787,
11.8019

■ 85.1342, 87.0793,
87.8493

■ 46.3917, 31.5921,
7.1184

94.3180, 99.6226,
108.8657

■ 44.2195, 27.9607,
4.1967

■ 42.6838, 25.2063,
2.7075

■ 42.5233, 24.9132,
2.5675

Harmonies

Analogous

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



66.8135, 56.2970, 51.8238



62.9483, 56.2970, 38.5590



56.7103, 56.2970, 32.1493

Triad

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



62.9483, 56.2970, 38.5590



42.0178, 56.2970, 52.7379



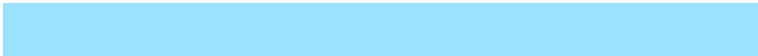
57.0801, 56.2970, 103.8374

Complementary

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



62.9483, 56.2970, 38.5590



58.7151, 68.9958, 103.1514

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.



50.4297, 56.2970, 104.2249



62.9483, 56.2970, 38.5590



42.0988, 56.2970, 71.8615

Square

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



62.9483, 56.2970, 38.5590



44.8319, 56.2970, 39.1079



45.0632, 56.2970, 91.5757



63.2383, 56.2970, 90.6068

Rectangle

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



62.9483, 56.2970, 38.5590



52.2190, 56.2970, 31.5488



45.0632, 56.2970, 91.5757



54.8193, 56.2970, 105.5540

Sweetspot

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



62.9497, 56.2997, 38.5601



83.7521, 84.6700, 82.7345



66.3027, 49.9551, 79.9112



17.6835, 17.7908, 17.1541



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.



62.9497, 56.2997, 38.5601



59.9616, 51.3980, 30.6915



74.3058, 79.0117, 42.3455



18.4014, 18.7709, 18.7976



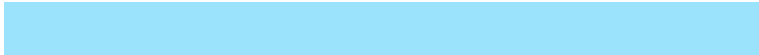
22.7218, 13.4547, 1.3995



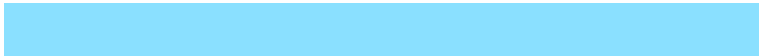
2.2973, 1.4800, 0.1646

Inverse Universe

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



58.7151, 68.9958, 103.1514



55.1032, 65.8407, 104.4120



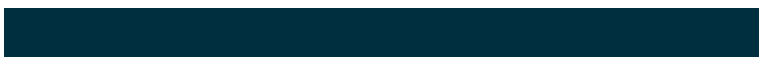
47.4682, 46.5020, 99.4024



18.1231, 19.6178, 23.0814



18.8827, 22.6750, 52.8161



1.9282, 2.3870, 5.1724

Previews

White Background



This preview shows how the XYZ color 62.9483, 56.2970, 38.5590 looks on a white background.

Color Contrast Check

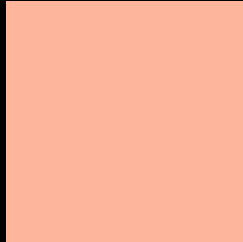
Large Text (above 18pt) WCAG AA × Fail

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 62.9483, 56.2970, 38.5590 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 62.9483, 56.2970, 38.5590

Background



This preview shows how black text looks on a background with the XYZ color 62.9483, 56.2970, 38.5590.



This preview shows how white text looks on a background with the XYZ color 62.9483, 56.2970,

38.5590.

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

62.9483, 56.2970, 38.5590

Protanopia

53.3833, 56.7341, 42.7875

Deuteranopia

57.4419, 56.2826, 37.9731



Tritanopia

66.2564, 56.4220, 56.1136

Trichromacy



Original Color

62.9483, 56.2970, 38.5590

Protanomaly

56.5588, 56.4061, 41.1642

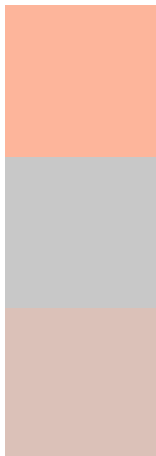
Deuteranomaly

59.5382, 56.3990, 38.3199

Tritanomaly

64.7293, 56.0859, 49.0090

Monochromacy



Original Color

62.9483, 56.2970, 38.5590

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.9351, 56.6607, 53.2832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9483, 56.2970, 38.5590 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(253, 181, 155)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 155)  
}
```

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(253, 181, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 155) }
```

Border

The CSS property to change the border of an element to XYZ 62.9483, 56.2970, 38.5590 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(253, 181, 155) }
```


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

```
.border{ border-color:rgb(253, 181, 155) }
```

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

Here you see how a box with a 4 pixel rgb(253, 181, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 155);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9483, 56.2970, 38.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 155) }
```

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

```
.background{ background-color: rgb(253,  
181, 155) }
```

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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