

Converting Colors

XYZ(9.2235, 9.5608, 5.5958)

Have a look what the booklet for
XYZ(9.2235, 9.5608, 5.5958)
contains.

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Color

XYZ(9.2890, 9.6345, 5.6450)

Conversions

Conversions Part 1

Format	Color
Hex	63563C
RGB	99, 86, 60
RGB Percent	39%, 34%, 24%
CMY	0.6118, 0.6627, 0.7647
CMYK	0.00, 0.13, 0.39, 0.61
HSL	40°, 25%, 31%
HSV	40°, 39%, 39%
XYZ	9.2890, 9.6345, 5.6450
YIQ	86.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

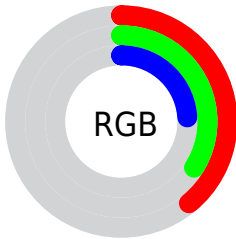
Format	Color
R_{YB}	80, 99, 60
Decimal	6510140
CIE _{Lab}	37.18, 1.09, 17.11
CIE _{LCh}	37, 17.146, 86.343
Yxy	9.6345, 0.3781, 0.3921
Android (android.graphics.Color)	4284700220 (0xFF63563C)
YUV	86.9230, -13.2730, 10.5915
Hunter-Lab	31.0395, -0.9005, 10.9449

Details

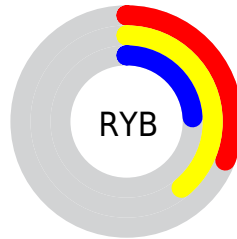
The XYZ color **9.2890, 9.6345, 5.6450** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.4981, 6.6263, 12.7409**, and the grayscale version is **9.0680, 9.5402, 10.3893**.

A 20% lighter version of the original color is **24.2734, 25.2703, 17.7857**, and **2.2594, 2.3302, 0.8610** is the 20% darker color. If you saturate the color by 10%, you get **8.7941, 9.0251, 4.3075**, and if you desaturate by 10%, it is **9.8455, 10.2888, 7.2449**.

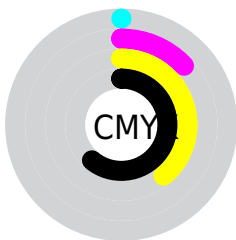
Distribution



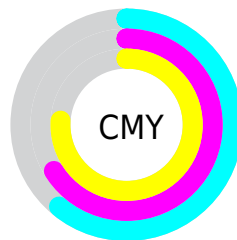
- Red (39%)
- Green (34%)
- Blue (24%)



- Red (31%)
- Yellow (39%)
- Blue (24%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (61%)



- Cyan (61%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.2890, 9.6345, 5.6450 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 9.2890, 9.6345, 5.6450 by changing the saturation by 10% instead.

■ 9.2890, 9.6345,
5.6450

■ 9.2890, 9.6345,
5.6450

179.6812,
188.0432, 165.0542

■ 4.9888, 5.1573,
2.5652

■ 24.1113, 25.1057,
17.6543

■ 2.2754, 2.3399,
0.8744

■ 35.3641, 36.8685,
27.4208

■ 0.7820, 0.7947,
0.0000

■ 49.6651, 51.8287,
40.2532

■ 0.0000, 0.0000,
0.0000

■ 67.3797, 70.3706,
56.5702

■ 88.8733, 92.8786,
76.7903

■ 114.5112,

119.7371, 101.3319

144.6587,
151.3305, 130.6137

■ 9.2890, 9.6345,
5.6450

■ 9.2890, 9.6345,
5.6450

■ 8.7941, 9.0251,
4.3075

■ 9.8455, 10.2888,
7.2449

■ 8.3573, 8.4577,
3.2175

■ 10.4657, 10.9878,
9.1201

■ 7.9755, 7.9313,
2.3591

■ 11.1522, 11.7334,
11.2832

■ 7.6452, 7.4442,
1.7146

■ 11.9074, 12.5267,
13.7458

■ 7.3625, 6.9945,
1.2637

■ 12.7336, 13.3688,
16.5190

■ 7.1092, 6.5746,
0.9116

■ 13.6328, 14.2609,
19.6133

■ 7.0942, 6.5499,
0.8903

■ 14.6072, 15.2039,
23.0386

■ 15.6586, 16.1989,
26.8045

■ 16.7889, 17.2468,
30.9200

Harmonies

Analogous

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



10.3441, 9.6345, 6.3146



9.2890, 9.6345, 5.6450



8.2754, 9.6345, 6.0508

Triad

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



9.2890, 9.6345, 5.6450



7.4364, 9.6345, 13.3246



10.9765, 9.6345, 14.1018

Complementary

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



9.2890, 9.6345, 5.6450



6.4981, 6.6263, 12.7409

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.



10.0998, 9.6345, 16.6976



9.2890, 9.6345, 5.6450



8.0650, 9.6345, 16.1911

Square

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



9.2890, 9.6345, 5.6450



7.2558, 9.6345, 10.1194



9.0269, 9.6345, 17.5278



11.3650, 9.6345, 10.8702

Rectangle

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



9.2890, 9.6345, 5.6450



7.7496, 9.6345, 6.9295



9.0269, 9.6345, 17.5278



10.7259, 9.6345, 15.1002

Sweetspot

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



9.2892, 9.6349, 5.6452



18.7717, 19.7426, 18.2090



7.9641, 6.3655, 7.1123



4.4403, 4.6694, 4.2597



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



9.2892, 9.6349, 5.6452



15.1706, 15.5888, 7.6104



9.7412, 11.5511, 5.9912



2.6974, 2.8382, 2.7498



9.2106, 8.4640, 1.1483



48.3724, 43.5508, 5.8567

Inverse Universe

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



6.4981, 6.6263, 12.7409



9.6704, 9.6642, 21.6056



6.1487, 5.3084, 12.5049



2.5114, 2.6375, 3.2220



3.6096, 2.5220, 15.6842



18.5438, 11.9937, 83.5423

Previews

White Background



This preview shows how the XYZ color 9.2890, 9.6345, 5.6450 looks on a white background.

Color Contrast Check

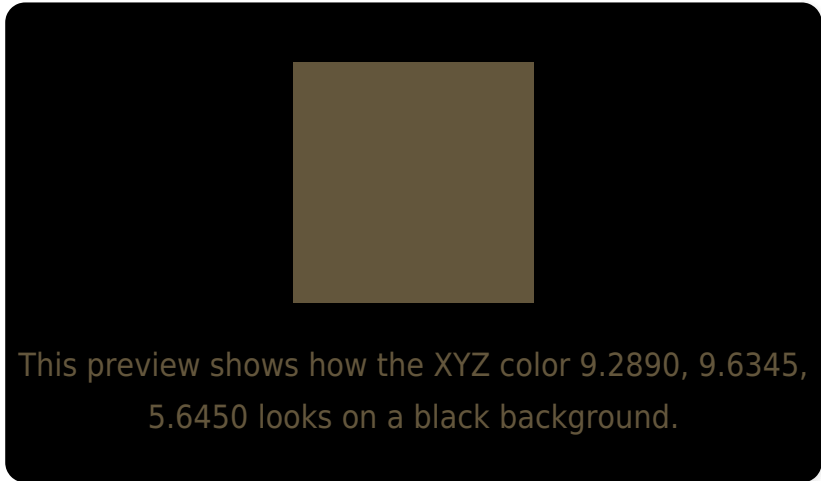
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

XYZ 9.2890, 9.6345, 5.6450

Background



This preview shows how black text looks on a background with the XYZ color 9.2890, 9.6345, 5.6450.



This preview shows how white text looks on a background with the XYZ color 9.2890, 9.6345, 5.6450.

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

9.2890, 9.6345, 5.6450

Protanopia

9.0513, 9.7493, 5.8196

Deuteranopia

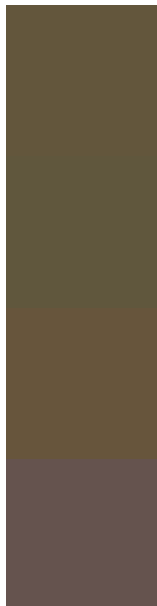
9.8116, 9.6701, 5.6244



Tritanopia

10.3000, 9.5806, 10.7576

Trichromacy



Original Color

9.2890, 9.6345, 5.6450

Protanomaly

9.0744, 9.6401, 5.7973

Deuteranomaly

9.6576, 9.7068, 5.6396

Tritanomaly

9.8352, 9.5033, 8.5237

Monochromacy



Original Color

9.2890, 9.6345, 5.6450

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

9.0621, 9.5764, 8.3920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.2890, 9.6345, 5.6450 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(99, 86, 60) looks like.

```
.text, #text, p{  
    color:rgb(99, 86, 60)  
}
```

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(99, 86, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 86, 60) }
```

Border

The CSS property to change the border of an element to XYZ 9.2890, 9.6345, 5.6450 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(99, 86, 60) }
```

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

```
.border{ border-color:rgb(99, 86, 60) }
```

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

Here you see how a box with a 4 pixel rgb(99, 86, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 86, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 86, 60);  
box-shadow:4px 4px 4px 4px rgb(99, 86, 60)  
}
```


Background

The CSS property to change the background color of an element to XYZ 9.2890, 9.6345, 5.6450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 86, 60) }
```

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

```
.background{ background-color: rgb(99, 86,  
60) }
```

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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