

Converting Colors

XYZ(6.0809, 5.8333, 9.5638)

Have a look what the booklet for
XYZ(6.0809, 5.8333, 9.5638)
contains.

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Color

XYZ(6.0822, 5.8335, 9.6095)

Conversions

Conversions Part 1

Format	Color
Hex	454256
RGB	69, 66, 86
RGB Percent	27%, 26%, 34%
CMY	0.7294, 0.7412, 0.6627
CMYK	0.20, 0.23, 0.00, 0.66
HSL	249°, 13%, 30%
HSV	249°, 23%, 34%
XYZ	6.0822, 5.8335, 9.6095
YIQ	69.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

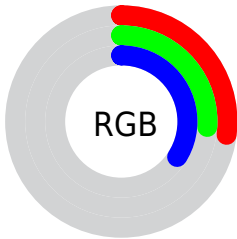
Format	Color
RYB	69, 66, 86
Decimal	4538966
CIELab	28.99, 6.08, -11.48
CIELCh	29, 12.987, 297.891
Yxy	5.8335, 0.2826, 0.2710
Android (android.graphics.Color)	4282729046 (0xFF454256)
YUV	69.1770, 8.2937, -0.1552
Hunter-Lab	24.1526, 2.6834, -6.6826

Details

The XYZ color **6.0822, 5.8335, 9.6095** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **7.8785, 8.8880, 6.4548**, and the grayscale version is **5.6731, 5.9686, 6.4998**.

A 20% lighter version of the original color is **17.7974, 17.5941, 25.7505**, and **1.1075, 0.9796, 2.2285** is the 20% darker color. If you saturate the color by 10%, you get **5.1301, 4.6522, 9.4318**, and if you desaturate by 10%, it is **7.1741, 7.1994, 9.8157**.

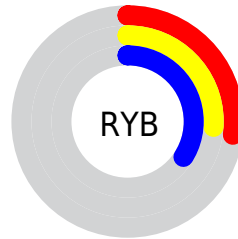
Distribution



Red (27%)

Green (26%)

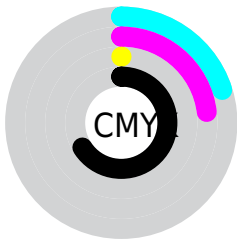
Blue (34%)



Red (27%)

Yellow (26%)

Blue (34%)

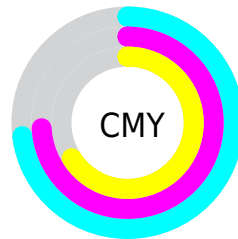


Cyan (20%)

Magenta (23%)

Yellow (0%)

Black (66%)



Cyan (73%)

Magenta (74%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 6.0822, 5.8335, 9.6095 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 6.0822, 5.8335, 9.6095 by changing the saturation by 10% instead.

6.0822, 5.8335,
9.6095

6.0822, 5.8335,
9.6095

154.5212,
157.5854, 198.2443

2.9363, 2.7441,
5.0386

17.8250, 17.5847,
25.6546

1.1201, 0.9996,
2.2108

27.1525, 27.0153,
37.9659

0.0419, 0.0000,
0.6806

39.2712, 39.3284,
53.6944

0.0000, 0.0000,
0.0000

54.5466, 54.9084,
73.2587

73.3439, 74.1397,
97.0773

96.0286, 97.4067,

125.5687

122.9658,
125.0938, 159.1516

■ 6.0822, 5.8335,
9.6095

■ 6.0822, 5.8335,
9.6095

■ 5.1301, 4.6522,
9.4318

■ 7.1741, 7.1994,
9.8157

■ 4.3117, 3.6468,
9.2808

■ 8.4108, 8.7566,
10.0511

■ 3.6210, 2.8091,
9.1556

■ 9.7973, 10.5125,
10.3169

■ 3.0514, 2.1299,
9.0545

■ 11.3385, 12.4735,
10.6142

■ 2.5960, 1.5991,
8.9760

■ 13.0391, 14.6462,
10.9439

■ 2.2467, 1.2054,
8.9184

■ 14.9034, 17.0365,
11.3071

■ 1.9890, 0.9248,
8.8779

■ 16.9357, 19.6504,
11.7045

■ 1.8443, 0.7567,
8.8530

■ 19.1401, 22.4935,
12.1371

■ 21.5204, 25.5711,
12.6056

Harmonies

Analogous

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



5.5037, 5.8335, 10.1033



6.0822, 5.8335, 9.6095



6.5427, 5.8335, 8.2030

Triad

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



6.0822, 5.8335, 9.6095



6.1580, 5.8335, 4.0144



4.5041, 5.8335, 6.2350

Complementary

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



6.0822, 5.8335, 9.6095



7.8785, 8.8880, 6.4548

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.



4.6535, 5.8335, 4.8023



6.0822, 5.8335, 9.6095



5.5857, 5.8335, 3.6671

Square

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



6.0822, 5.8335, 9.6095



6.5886, 5.8335, 4.9730



5.0396, 5.8335, 3.9285



4.6171, 5.8335, 7.9641

Rectangle

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



6.0822, 5.8335, 9.6095



6.7067, 5.8335, 7.0448



5.0396, 5.8335, 3.9285



4.5251, 5.8335, 5.7056

Sweetspot

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



6.0824, 5.8337, 9.6096



13.8085, 14.1799, 17.3969



7.0199, 8.0168, 9.9816



3.3579, 3.4456, 4.2423



45.3388, 47.7000, 51.9453



3.7718, 3.9682, 4.3214

Same Dimension

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



6.0824, 5.8337, 9.6096



9.6538, 8.9818, 16.6125



6.8525, 6.2308, 9.6457



2.0306, 2.0735, 2.6125



2.8740, 1.1744, 14.0127



15.6375, 6.3358, 78.6934

Inverse Universe

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



7.3474, 6.4996, 9.0509



12.3135, 10.3825, 15.3996



7.0590, 8.4655, 6.4164



2.1676, 2.1454, 2.5566



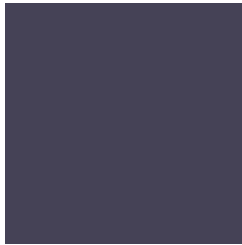
7.9651, 3.8879, 10.2353



44.4846, 21.7364, 56.1292

Previews

White Background



This preview shows how the XYZ color 6.0822, 5.8335, 9.6095 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



This preview shows how the XYZ color 6.0822, 5.8335, 9.6095 looks on a 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 6.0822, 5.8335, 9.6095

Background



This preview shows how black text looks on a background with the XYZ color 6.0822, 5.8335, 9.6095.



This preview shows how white text looks on a background with the XYZ color 6.0822, 5.8335, 9.6095.

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

6.0822, 5.8335, 9.6095

Protanopia

5.8373, 5.8791, 9.8439

Deuteranopia

5.9336, 5.8444, 9.6195



Tritanopia

5.6179, 5.8219, 7.3062

Trichromacy



Original Color

6.0822, 5.8335, 9.6095

Protanomaly

5.9074, 5.8262, 9.8300

Deuteranomaly

6.0016, 5.8795, 9.6226

Tritanomaly

5.7662, 5.7933, 8.0220

Monochromacy



Original Color

6.0822, 5.8335, 9.6095

Achromatopsia

5.6565, 5.9511, 6.4808

Achromatomaly

5.7914, 5.9075, 7.4916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 6.0822, 5.8335, 9.6095 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(69, 66, 86) looks like.

```
.text, #text, p{  
    color:rgb(69, 66, 86)  
}
```

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(69, 66, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 66, 86) }
```

Border

The CSS property to change the border of an element to XYZ 6.0822, 5.8335, 9.6095 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(69, 66, 86) }
```

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

```
.border{ border-color:rgb(69, 66, 86) }
```

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

Here you see how a box with a 4 pixel rgb(69, 66, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 66, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 66, 86);  
box-shadow:4px 4px 4px 4px rgb(69, 66, 86)  
}
```


Background

The CSS property to change the background color of an element to XYZ 6.0822, 5.8335, 9.6095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 66, 86) }
```

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

```
.background{ background-color: rgb(69, 66,  
86) }
```

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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