

Converting Colors

XYZ(8.1384, 5.4869, 6.0990)

Have a look what the booklet for
XYZ(8.1384, 5.4869, 6.0990)
contains.

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Color

XYZ(8.1661, 5.4823, 6.0966)

Conversions

Conversions Part 1

Format	Color
Hex	6C2D44
RGB	108, 45, 68
RGB Percent	42%, 18%, 27%
CMY	0.5765, 0.8235, 0.7333
CMYK	0.00, 0.58, 0.37, 0.58
HSL	338°, 41%, 30%
HSV	338°, 58%, 42%
XYZ	8.1661, 5.4823, 6.0966
YIQ	66.4590, 30.1650, 20.5090

Conversions

Conversions Part 2

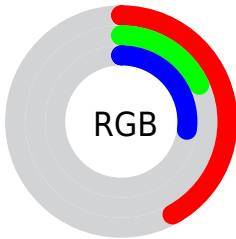
Format	Color
R _Y B	108, 45, 68
Decimal	7089476
CIE Lab	28.07, 30.69, -0.54
CIE LCh	28, 30.690, 358.999
Yxy	5.4823, 0.4136, 0.2777
Android (android.graphics.Color)	4285279556 (0xFF6C2D44)
YUV	66.4590, 0.7597, 36.4315
Hunter-Lab	23.4143, 21.2796, 0.9521

Details

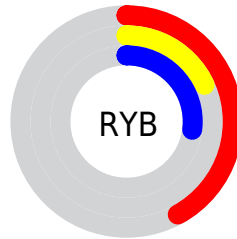
The XYZ color **8.1661, 5.4823, 6.0966** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **8.0848, 11.9390, 10.4735**, and the grayscale version is **5.2458, 5.5190, 6.0101**.

A 20% lighter version of the original color is **22.0554, 16.9477, 18.6318**, and **1.8628, 0.9400, 1.0030** is the 20% darker color. If you saturate the color by 10%, you get **7.6083, 4.6824, 4.9378**, and if you desaturate by 10%, it is **8.8541, 6.5036, 7.4198**.

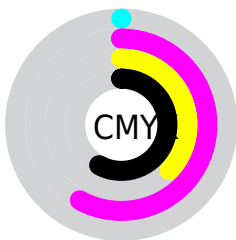
Distribution



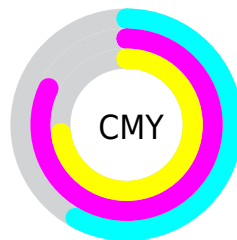
- Red (42%)
- Green (18%)
- Blue (27%)



- Red (42%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (37%)
- Black (58%)





- Cyan (58%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.1661, 5.4823, 6.0966 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 8.1661, 5.4823, 6.0966 by changing the saturation by 10% instead.


 8.1661, 5.4823,
6.0966


 8.1661, 5.4823,
6.0966


171.3713,
154.3798, 169.2661


 4.2541, 2.5329,
2.8342

 21.9657, 16.8472,
18.6122


 1.8469, 0.8931,
1.0106


 32.5841, 26.0314,
28.7024

 0.5457, 0.0000,
0.0000

 46.1686, 38.0628,
41.9057

 0.0000, 0.0000,
0.0000

 63.0847, 53.3257,
58.6405

 83.6976, 72.2044,
79.3254

 108.3728, 95.0834,

104.3790

137.4756,
122.3471, 134.2197

■ 8.1661, 5.4823,
6.0966

■ 8.1661, 5.4823,
6.0966

■ 7.6083, 4.6824,
4.9378

■ 8.8541, 6.5036,
7.4198

■ 7.1714, 4.0861,
3.9360

■ 9.6802, 7.7604,
8.9137

■ 6.8450, 3.6747,
3.0833

■ 10.6518, 9.2667,
10.5847

■ 6.5967, 3.3844,
2.3643

■ 11.7760, 11.0352,
12.4387

■ 6.5576, 3.3374,
2.2551

■ 13.0591, 13.0776,
14.4813

■ 14.5073, 15.4050,
16.7179

■ 16.1262, 18.0279,
19.1537

■ 17.9214, 20.9560,
21.7935

■ 19.8981, 24.1990,
24.6422

Harmonies

Analogous

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



7.6894, 5.4823, 10.5239



8.1661, 5.4823, 6.0966



7.7468, 5.4823, 3.1044

Triad

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



8.1661, 5.4823, 6.0966



4.0797, 5.4823, 1.6145



4.0151, 5.4823, 14.5642

Complementary

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



8.1661, 5.4823, 6.0966



8.0848, 11.9390, 10.4735

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.



3.2991, 5.4823, 10.2076



8.1661, 5.4823, 6.0966



3.3318, 5.4823, 2.9649

Square

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



8.1661, 5.4823, 6.0966



5.2550, 5.4823, 1.2646



3.0714, 5.4823, 5.8438



5.1667, 5.4823, 16.5161

Rectangle

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



8.1661, 5.4823, 6.0966



7.0497, 5.4823, 2.0052



3.0714, 5.4823, 5.8438



3.7231, 5.4823, 13.2618

Sweetspot

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



8.1663, 5.4826, 6.0967



20.8586, 19.6656, 22.1357



7.3827, 4.8865, 14.7414



4.9757, 4.6444, 5.2397



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



8.1663, 5.4826, 6.0967



13.0600, 7.8073, 8.0100



7.9496, 5.9608, 3.2146



3.1412, 3.1334, 3.4738



7.8092, 3.9758, 2.6240



39.4049, 20.1039, 11.3346

Inverse Universe

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



8.1663, 5.4826, 6.0967



13.0600, 7.8073, 8.0100



8.3081, 10.6786, 15.8106



3.1412, 3.1334, 3.4738



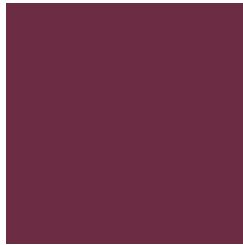
7.8092, 3.9758, 2.6240



39.4049, 20.1039, 11.3346

Previews

White Background



This preview shows how the XYZ color 8.1661, 5.4823, 6.0966 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 8.1661, 5.4823, 6.0966 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 8.1661, 5.4823, 6.0966

Background



This preview shows how black text looks on a background with the XYZ color 8.1661, 5.4823, 6.0966.



This preview shows how white text looks on a background with the XYZ color 8.1661, 5.4823, 6.0966.

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

8.1661, 5.4823, 6.0966

Protanopia

5.5478, 5.5805, 8.5693

Deuteranopia

5.6685, 5.6181, 5.7867



Tritanopia

7.7402, 5.4876, 3.9001

Trichromacy



Original Color

8.1661, 5.4823, 6.0966

Protanomaly

6.1258, 5.2534, 7.5286

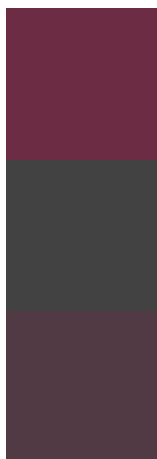
Deuteranomaly

6.3342, 5.3979, 5.8623

Tritanomaly

7.8436, 5.4643, 4.6443

Monochromacy



Original Color

8.1661, 5.4823, 6.0966

Achromatopsia

5.1784, 5.4480, 5.9329

Achromatomaly

5.9195, 5.1807, 5.9982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1661, 5.4823, 6.0966 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(108, 45, 68)` looks like.

```
.text, #text, p{  
    color:rgb(108, 45, 68)  
}
```

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(108, 45, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 45, 68) }
```

Border

The CSS property to change the border of an element to XYZ 8.1661, 5.4823, 6.0966 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(108, 45, 68) }
```

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

```
.border{ border-color:rgb(108, 45, 68) }
```

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

Here you see how a box with a 4 pixel rgb(108, 45, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 45, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 45, 68);  
box-shadow:4px 4px 4px 4px rgb(108, 45,  
68) }
```


Background

The CSS property to change the background color of an element to XYZ 8.1661, 5.4823, 6.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 45, 68) }
```

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

```
.background{ background-color: rgb(108, 45,  
68) }
```

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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