

Converting Colors

XYZ(8.5651, 6.0941, 2.3619)

Have a look what the booklet for
XYZ(8.5651, 6.0941, 2.3619)
contains.

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Color

XYZ(8.5293, 6.0534, 2.3879)

Conversions

Conversions Part 1

Format	Color
Hex	733224
RGB	115, 50, 36
RGB Percent	45%, 20%, 14%
CMY	0.5490, 0.8039, 0.8588
CMYK	0.00, 0.57, 0.69, 0.55
HSL	11°, 52%, 30%
HSV	11°, 69%, 45%
XYZ	8.5293, 6.0534, 2.3879
YIQ	67.8390, 43.2340, 9.4260

Conversions

Conversions Part 2

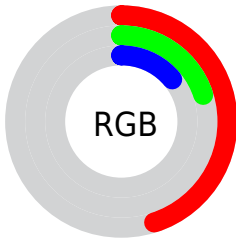
Format	Color
R_{YB}	115, 53, 36
Decimal	7549476
CIE Lab	29.55, 27.53, 22.55
CIE LCh	30, 35.585, 39.317
Yxy	6.0534, 0.5026, 0.3567
Android (android.graphics.Color)	4285739556 (0xFF733224)
YUV	67.8390, -15.6966, 41.3602
Hunter-Lab	24.6037, 18.8238, 11.4682

Details

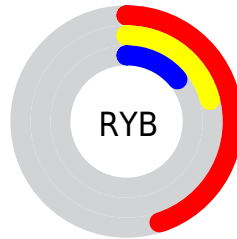
The XYZ color **8.5293, 6.0534, 2.3879** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **8.4754, 10.9196, 17.8807**, and the grayscale version is **5.4883, 5.7741, 6.2880**.

A 20% lighter version of the original color is **22.6475, 17.9874, 10.0628**, and **2.0192, 1.0893, 0.1038** is the 20% darker color. If you saturate the color by 10%, you get **8.0176, 5.2673, 1.4858**, and if you desaturate by 10%, it is **9.1815, 7.0301, 3.6155**.

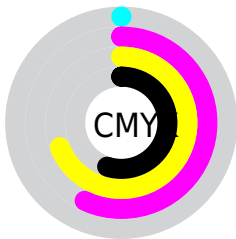
Distribution



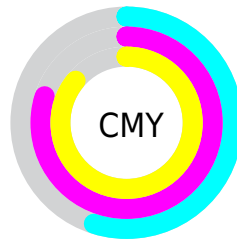
- Red (45%)
- Green (20%)
- Blue (14%)



- Red (45%)
- Yellow (21%)
- Blue (14%)



- Cyan (0%)
- Magenta (57%)
- Yellow (69%)
- Black (55%)



- Cyan (55%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.5293, 6.0534, 2.3879 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 8.5293, 6.0534, 2.3879 by changing the saturation by 10% instead.

8.5293, 6.0534,
2.3879

8.5293, 6.0534,
2.3879

174.1091,
159.5489, 128.1359

4.4901, 2.8776,
0.7798

22.6654, 18.0418,
10.0765

1.9830, 1.0682,
0.0000

33.4929, 27.6232,
17.0056

0.6244, 0.0000,
0.0000

47.3140, 40.1086,
26.5493

0.0000, 0.0000,
0.0000

64.4939, 55.8823,
39.1262

85.3980, 75.3288,
55.1547

110.3916, 98.8325,

75.0535

139.8402,
126.7777, 99.2410

8.5293, 6.0534,
2.3879

8.5293, 6.0534,
2.3879

8.0176, 5.2673,
1.4858

9.1815, 7.0301,
3.6155

7.6350, 4.6581,
0.8775

9.9833, 8.2078,
5.1958

7.3581, 4.2075,
0.4674

10.9436, 9.5975,
7.1532

7.3273, 4.1588,
0.4165

12.0706, 11.2088,
9.5100

13.3718, 13.0511,
12.2868

■ 14.8541, 15.1328,
15.5027

■ 16.5242, 17.4623,
19.1756

■ 18.3886, 20.0474,
23.3225

■ 20.4530, 22.8955,
27.9594

Harmonies

Analogous

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



9.4260, 6.0534, 5.2443



8.5293, 6.0534, 2.3879



6.9308, 6.0534, 1.2600

Triad

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



8.5293, 6.0534, 2.3879



3.2949, 6.0534, 3.9060



6.2751, 6.0534, 19.9761

Complementary

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



8.5293, 6.0534, 2.3879



8.4754, 10.9196, 17.8807

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.



4.7178, 6.0534, 19.0296



8.5293, 6.0534, 2.3879



3.1855, 6.0534, 8.1508

Square

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



8.5293, 6.0534, 2.3879



3.9902, 6.0534, 1.8053



3.6567, 6.0534, 14.0544



7.9723, 6.0534, 16.2372

Rectangle

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



8.5293, 6.0534, 2.3879



5.7909, 6.0534, 1.0781



3.6567, 6.0534, 14.0544



5.7164, 6.0534, 20.2233

Sweetspot

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



8.5294, 6.0537, 2.3880



23.2467, 22.3851, 20.5028



10.0911, 5.8626, 13.1268



5.4245, 5.1687, 4.6319



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



8.5294, 6.0537, 2.3880



13.9556, 8.7987, 2.0046



10.9334, 10.8616, 3.1893



3.7316, 3.7963, 3.8784



8.3639, 4.7291, 0.4720



40.3003, 22.1291, 2.1473

Inverse Universe

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



8.4754, 10.9196, 17.8807



13.7907, 18.0412, 31.8000



5.5629, 5.0945, 16.9098



3.7308, 4.0502, 4.6754



8.1626, 10.6650, 20.1709



39.2155, 50.8475, 98.1080

Previews

White Background



This preview shows how the XYZ color 8.5293, 6.0534, 2.3879 looks on a white background.

Color Contrast Check

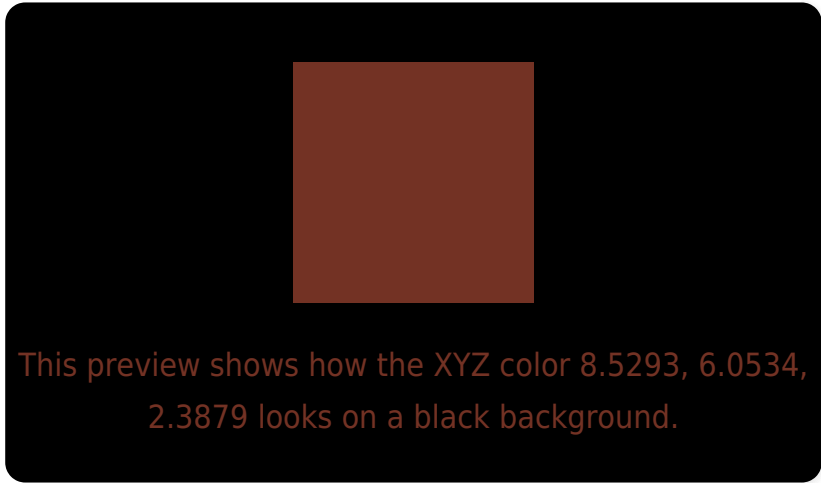
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.5293, 6.0534, 2.3879

Background



This preview shows how black text looks on a background with the XYZ color 8.5293, 6.0534, 2.3879.

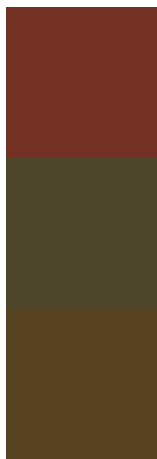


This preview shows how white text looks on a background with the XYZ color 8.5293, 6.0534, 2.3879.

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

8.5293, 6.0534, 2.3879

Protanopia

5.6868, 6.1325, 3.1695

Deuteranopia

6.1983, 6.1448, 2.2259



Tritanopia

8.8570, 6.0659, 3.8360

Trichromacy



Original Color

8.5293, 6.0534, 2.3879

Protanomaly

6.4749, 5.9324, 2.8113

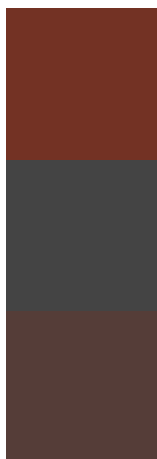
Deuteranomaly

6.8730, 5.9887, 2.2325

Tritanomaly

8.7939, 6.1069, 3.3000

Monochromacy



Original Color

8.5293, 6.0534, 2.3879

Achromatopsia

5.4944, 5.7805, 6.2950

Achromatomaly

6.1289, 5.5543, 4.4904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.5293, 6.0534, 2.3879 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(115, 50, 36)` looks like.

```
.text, #text, p{  
    color:rgb(115, 50, 36)  
}
```

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(115, 50, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 50, 36) }
```

Border

The CSS property to change the border of an element to XYZ 8.5293, 6.0534, 2.3879 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(115, 50, 36) }
```

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

```
.border{ border-color:rgb(115, 50, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 50, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 50, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 50, 36);  
box-shadow:4px 4px 4px 4px rgb(115, 50,  
36) }
```


Background

The CSS property to change the background color of an element to XYZ 8.5293, 6.0534, 2.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 50, 36) }
```

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

```
.background{ background-color: rgb(115, 50,  
36) }
```

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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