

Converting Colors

XYZ(8.1439, 10.3000, 5.8657)

Have a look what the booklet for
XYZ(8.1439, 10.3000, 5.8657)
contains.

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Color

**XYZ(8.1404, 10.3117,
5.8363)**

Conversions

Conversions Part 1

Format	Color
Hex	4E603C
RGB	78, 96, 60
RGB Percent	31%, 38%, 24%
CMY	0.6941, 0.6235, 0.7647
CMYK	0.19, 0.00, 0.38, 0.62
HSL	90°, 23%, 31%
HSV	90°, 38%, 38%
XYZ	8.1404, 10.3117, 5.8363
YIQ	86.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

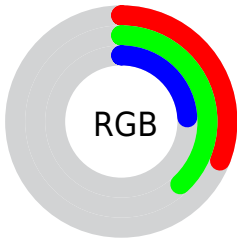
Format	Color
RYB	60, 96, 78
Decimal	5136444
CIELab	38.40, -14.07, 18.38
CIElCh	38, 23.145, 127.436
Yxy	10.3117, 0.3352, 0.4246
Android (android.graphics.Color)	4283326524 (0xFF4E603C)
YUV	86.5140, -13.0714, -7.4668
Hunter-Lab	32.1118, -10.9457, 11.7024

Details

The XYZ color **8.1404, 10.3117, 5.8363** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.8695, 5.6962, 11.8043**, and the grayscale version is **8.9821, 9.4498, 10.2909**.

A 20% lighter version of the original color is **22.0426, 26.5393, 18.1482**, and **1.8374, 2.6288, 0.9409** is the 20% darker color. If you saturate the color by 10%, you get **7.5303, 10.0242, 4.6012**, and if you desaturate by 10%, it is **8.8258, 10.6333, 7.3159**.

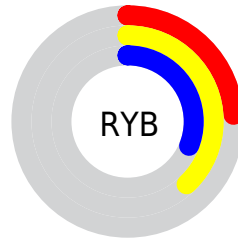
Distribution



Red (31%)

Green (38%)

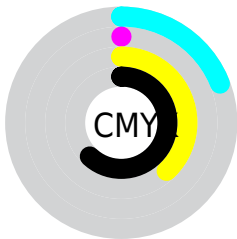
Blue (24%)



Red (24%)

Yellow (38%)

Blue (31%)

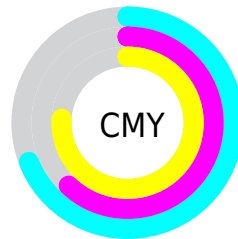


Cyan (19%)

Magenta (0%)

Yellow (38%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.1404, 10.3117, 5.8363 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 8.1404, 10.3117, 5.8363 by changing the saturation by 10% instead.

■ 8.1404, 10.3117,
5.8363

■ 8.1404, 10.3117,
5.8363

171.1757,
192.8825, 166.8562

■ 4.2375, 5.6061,
2.6786

■ 21.9160, 26.3801,
18.0619

■ 1.8373, 2.6071,
0.9326

■ 32.5194, 38.5118,
27.9670

■ 0.5400, 0.9302,
0.0000

■ 46.0870, 53.8876,
40.9582

■ 0.0000, 0.0000,
0.0000

■ 62.9842, 72.8919,
57.4541

■ 83.5763, 95.9092,
77.8734

■ 108.2287,

123.3238, 102.6344

137.3067,
155.5201, 132.1559

■ 8.1404, 10.3117,
5.8363

■ 8.1404, 10.3117,
5.8363

■ 7.5303, 10.0242,
4.6012

■ 8.8258, 10.6333,
7.3159

■ 6.9917, 9.7682,
3.5966

■ 9.5886, 10.9889,
9.0514

■ 6.5214, 9.5428,
2.8084

■ 10.4318, 11.3802,
11.0544

■ 6.1158, 9.3462,
2.2207

■ 11.3581, 11.8081,
13.3356

■ 5.7707, 9.1769,
1.8150

■ 12.3698, 12.2739,
15.9052

■ 5.4724, 9.0293,
1.5233

■ 13.4693, 12.7784,
18.7726

■ 5.4019, 8.9945,
1.4514

■ 14.6589, 13.3226,
21.9470

■ 15.9406, 13.9074,
25.4372

■ 17.3167, 14.5338,
29.2515

Harmonies

Analogous

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



9.4301, 10.3117, 4.8377



8.1404, 10.3117, 5.8363



7.3576, 10.3117, 8.3306

Triad

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



8.1404, 10.3117, 5.8363



8.7289, 10.3117, 20.7859



12.9699, 10.3117, 10.1859

Complementary

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



8.1404, 10.3117, 5.8363



6.8695, 5.6962, 11.8043

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.



12.7329, 10.3117, 14.7288



8.1404, 10.3117, 5.8363



10.1814, 10.3117, 21.6516

Square

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



8.1404, 10.3117, 5.8363



7.6723, 10.3117, 17.0764



11.6733, 10.3117, 19.2057



12.2909, 10.3117, 6.8949

Rectangle

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



8.1404, 10.3117, 5.8363



7.1780, 10.3117, 10.8599



11.6733, 10.3117, 19.2057



12.9958, 10.3117, 11.6036

Sweetspot

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



8.1407, 10.3122, 5.8365



17.6896, 19.6638, 17.9615



8.3643, 8.2622, 5.4291



4.3598, 4.8674, 4.3825



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.



8.1407, 10.3122, 5.8365



13.3050, 17.6131, 8.2836



6.8623, 9.6531, 5.7767



2.6506, 2.9113, 2.7664



7.4525, 12.4761, 2.0153



38.7957, 66.1255, 10.7188

Inverse Universe

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



6.8695, 5.6962, 11.8043



10.7221, 8.2341, 20.4095



8.5515, 6.5633, 11.8830



2.5568, 2.5707, 3.2067



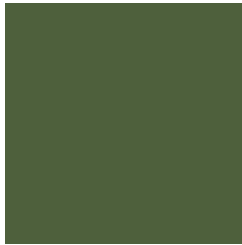
4.5725, 2.0181, 15.5362



23.4097, 10.2564, 82.9505

Previews

White Background



This preview shows how the XYZ color 8.1404, 10.3117, 5.8363 looks on a white background.

Color Contrast Check

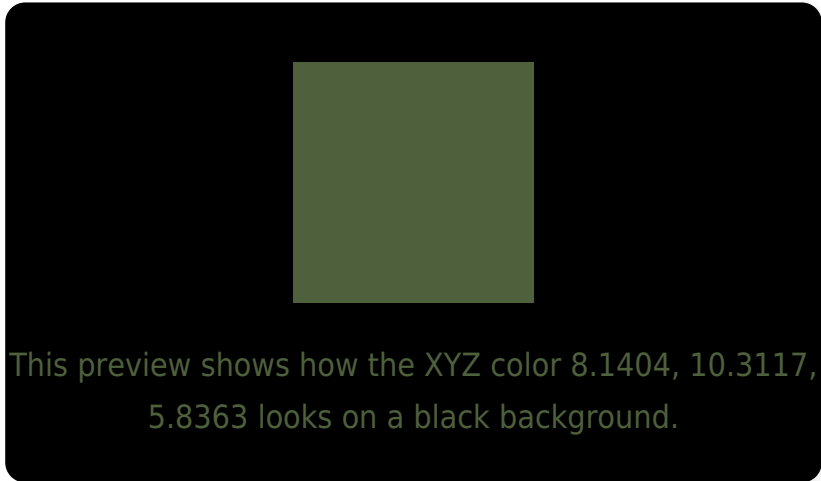
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 8.1404, 10.3117, 5.8363

Background



This preview shows how black text looks on a background with the XYZ color 8.1404, 10.3117, 5.8363.



This preview shows how white text looks on a background with the XYZ color 8.1404, 10.3117,

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

8.1404, 10.3117, 5.8363

Protanopia

9.4569, 10.2145, 5.4761

Deuteranopia

10.3816, 10.1915, 5.9774



Tritanopia

9.6494, 10.2678, 13.2777

Trichromacy



Original Color

8.1404, 10.3117, 5.8363

Protanomaly

8.9309, 10.1942, 5.6346

Deuteranomaly

9.4282, 10.1906, 5.8849

Tritanomaly

9.0337, 10.2784, 10.1021

Monochromacy



Original Color

8.1404, 10.3117, 5.8363

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

8.6519, 9.7330, 8.4438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.1404, 10.3117, 5.8363 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(78, 96, 60)` looks like.

```
.text, #text, p{  
    color:rgb(78, 96, 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(78, 96, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 96, 60) }
```

Border

The CSS property to change the border of an element to XYZ 8.1404, 10.3117, 5.8363 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(78, 96, 60) }
```


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

```
.border{ border-color:rgb(78, 96, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 96, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 96, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 96, 60);  
box-shadow:4px 4px 4px 4px rgb(78, 96, 60)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.1404, 10.3117, 5.8363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 96, 60) }
```

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

```
.background{ background-color: rgb(78, 96,  
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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