

Converting Colors

XYZ(8.0078, 13.1175, 3.6506)

Have a look what the booklet for
XYZ(8.0078, 13.1175, 3.6506)
contains.

XYZ(8.0504, 13.2177, 3.6403)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(8.0504, 13.2177,
3.6403)**

Conversions

Conversions Part 1

Format	Color
Hex	387322
RGB	56, 115, 34
RGB Percent	22%, 45%, 13%
CMY	0.7804, 0.5490, 0.8667
CMYK	0.51, 0.00, 0.70, 0.55
HSL	104°, 54%, 29%
HSV	104°, 70%, 45%
XYZ	8.0504, 13.2177, 3.6403
YIQ	88.1250, -9.1630, -37.6990

Conversions

Conversions Part 2

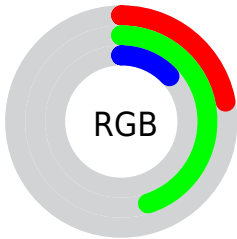
Format	Color
RYB	34, 115, 93
Decimal	3699490
CIELab	43.09, -35.11, 37.45
CIElCh	43, 51.336, 133.158
Yxy	13.2177, 0.3232, 0.5307
Android (android.graphics.Color)	4281889570 (0xFF387322)
YUV	88.1250, -26.6836, -28.1736
Hunter-Lab	36.3562, -24.0977, 19.5127

Details

The XYZ color **8.0504, 13.2177, 3.6403** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **8.1812, 4.7093, 16.6981**, and the grayscale version is **9.3614, 9.8490, 10.7255**.

A 20% lighter version of the original color is **21.8706, 31.8810, 13.1846**, and **1.9482, 3.8964, 0.6494** is the 20% darker color. If you saturate the color by 10%, you get **7.4820, 12.9411, 2.8882**, and if you desaturate by 10%, it is **8.7534, 13.5580, 4.6892**.

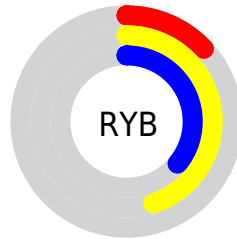
Distribution



Red (22%)

Green (45%)

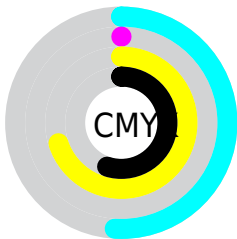
Blue (13%)



Red (13%)

Yellow (45%)

Blue (36%)

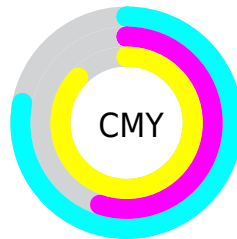


Cyan (51%)

Magenta (0%)

Yellow (70%)

Black (55%)



Cyan (78%)

Magenta (55%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 8.0504, 13.2177, 3.6403 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 8.0504, 13.2177, 3.6403 by changing the saturation by 10% instead.

■ 8.0504, 13.2177,
3.6403

■ 8.0504, 13.2177,
3.6403

170.4884,
212.3082, 144.1392

■ 4.1793, 7.5786,
1.4302

■ 21.7417, 31.6943,
13.1713

■ 1.8041, 3.8265,
0.1651

■ 32.2925, 45.3007,
21.3293

■ 0.5201, 1.5770,
0.0000

■ 45.8007, 62.3316,
32.3069

■ 0.0000, 0.3420,
0.0000


■ 62.6315, 83.1715,
46.5227


■ 0.0000, 0.0000,
0.0000


■ 83.1503, 108.2046,
64.3954


■ 107.7225,


137.8156, 86.3433


 136.7134,
172.3886, 112.7851


 8.0504, 13.2177,
3.6403


 8.0504, 13.2177,
3.6403


 7.4820, 12.9411,
2.8882


 8.7534, 13.5580,
4.6892


 7.0375, 12.7223,
2.4014

 9.5987, 13.9643,
6.0607

 6.7031, 12.5569,
2.0704

 10.5944, 14.4406,
7.7786

 11.7479, 14.9903,
9.8642

 13.0657, 15.6163,
12.3373

■ 14.5544, 16.3216,
15.2161

■ 16.2198, 17.1088,
18.5177

■ 18.0678, 17.9805,
22.2583

■ 20.1036, 18.9393,
26.4530

Harmonies

Analogous

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



10.9120, 13.2177, 1.9016



8.0504, 13.2177, 3.6403



6.6048, 13.2177, 8.9638

Triad

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



8.0504, 13.2177, 3.6403



10.4880, 13.2177, 46.8712



21.5069, 13.2177, 9.9859

Complementary

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



8.0504, 13.2177, 3.6403



8.1812, 4.7093, 16.6981

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.



21.3265, 13.2177, 21.6605



8.0504, 13.2177, 3.6403



14.3728, 13.2177, 47.6712

Square

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



8.0504, 13.2177, 3.6403



7.7964, 13.2177, 34.9913



18.5084, 13.2177, 36.8105



18.9592, 13.2177, 4.0504

Rectangle

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



8.0504, 13.2177, 3.6403



6.4021, 13.2177, 15.6238



18.5084, 13.2177, 36.8105



21.7769, 13.2177, 13.2264

Sweetspot

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



8.0507, 13.2183, 3.6406



23.1169, 27.8306, 21.5608



11.1909, 11.4238, 3.1287



5.3894, 6.5799, 4.9061



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.



8.0507, 13.2183, 3.6406



12.8332, 22.8954, 4.5310



7.4005, 12.8460, 5.2856



3.7254, 4.1419, 3.9454



7.6438, 14.3449, 2.3660



36.5295, 69.5334, 11.4960

Inverse Universe

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



8.1812, 4.7093, 16.6981



13.0042, 6.5060, 29.6149



9.8214, 5.6607, 11.9951



3.7343, 3.7103, 4.6096



7.6726, 3.5467, 18.8228



36.5376, 16.8443, 91.6858

Previews

White Background



This preview shows how the XYZ color 8.0504, 13.2177, 3.6403 looks on a white background.

Color Contrast Check

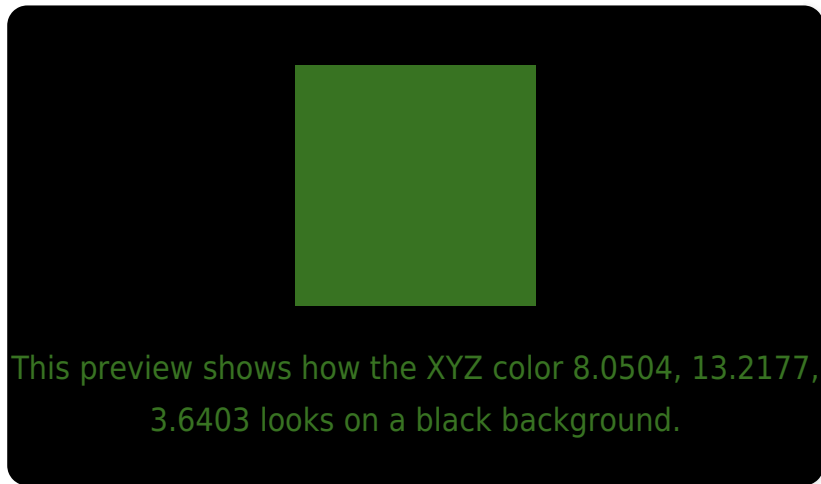
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.0504, 13.2177, 3.6403

Background



This preview shows how black text looks on a background with the XYZ color 8.0504, 13.2177, 3.6403.



This preview shows how white text looks on a background with the XYZ color 8.0504, 13.2177,

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

8.0504, 13.2177, 3.6403

Protanopia

11.9251, 13.1739, 3.1426

Deuteranopia

13.1873, 12.9615, 3.9046



Tritanopia

11.0086, 13.1159, 18.4744

Trichromacy



Original Color

8.0504, 13.2177, 3.6403

Protanomaly

10.0192, 12.9415, 3.2662

Deuteranomaly

10.5669, 12.6071, 3.7102

Tritanomaly

9.5024, 12.9820, 10.8090

Monochromacy



Original Color

8.0504, 13.2177, 3.6403

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

8.3916, 10.6892, 7.0898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.0504, 13.2177, 3.6403 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(56, 115, 34)` looks like.

```
.text, #text, p{  
    color:rgb(56, 115, 34)  
}
```

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(56, 115, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 115, 34) }
```

Border

The CSS property to change the border of an element to XYZ 8.0504, 13.2177, 3.6403 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(56, 115, 34) }
```


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

```
.border{ border-color:rgb(56, 115, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 115, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 115, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 115, 34);  
box-shadow:4px 4px 4px 4px rgb(56, 115,  
34) }
```

Background

The CSS property to change the background color of an element to XYZ 8.0504, 13.2177, 3.6403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 115, 34) }
```

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

```
.background{ background-color: rgb(56, 115,  
34) }
```

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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