

Converting Colors

XYZ(8.7358, 14.4478, 2.4660)

Have a look what the booklet for
XYZ(8.7358, 14.4478, 2.4660)
contains.

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Color

**XYZ(8.7305, 14.4680,
2.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	3E7805
RGB	62, 120, 5
RGB Percent	24%, 47%, 2%
CMY	0.7569, 0.5294, 0.9804
CMYK	0.48, 0.00, 0.96, 0.53
HSL	90°, 92%, 25%
HSV	90°, 96%, 47%
XYZ	8.7305, 14.4680, 2.4760
YIQ	89.5480, 2.3470, -48.0610

Conversions

Conversions Part 2

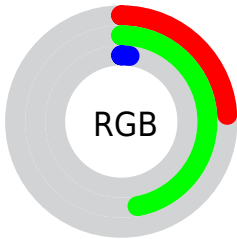
Format	Color
RYB	5, 120, 63
Decimal	4093957
CIELab	44.90, -36.89, 48.33
CIELCh	45, 60.800, 127.351
Yxy	14.4680, 0.3400, 0.5635
Android (android.graphics.Color)	4282284037 (0xFF3E7805)
YUV	89.5480, -41.6822, -24.1596
Hunter-Lab	38.0368, -25.5938, 22.7663

Details

The XYZ color **8.7305, 14.4680, 2.4760** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5.4950, 2.5218, 17.9672**, and the grayscale version is **9.7074, 10.2129, 11.1219**.

A 20% lighter version of the original color is **23.1002, 33.9818, 10.3427**, and **2.2532, 4.5065, 0.7511** is the 20% darker color. If you saturate the color by 10%, you get **8.5487, 14.3779, 2.3247**, and if you desaturate by 10%, it is **9.2056, 14.7049, 2.8837**.

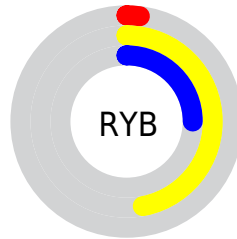
Distribution



Red (24%)

Green (47%)

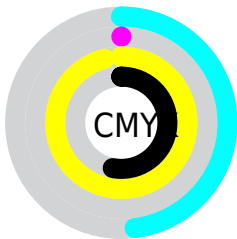
Blue (2%)



Red (2%)

Yellow (47%)

Blue (25%)

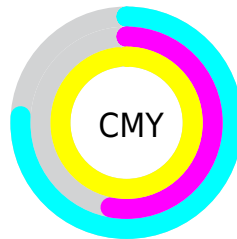


Cyan (48%)

Magenta (0%)

Yellow (96%)

Black (53%)



Cyan (76%)


Magenta (53%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 8.7305, 14.4680, 2.4760 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 8.7305, 14.4680, 2.4760 by changing the saturation by 10% instead.


 8.7305, 14.4680,
2.4760


 8.7305, 14.4680,
2.4760


175.6045,
220.1232, 129.3781


 4.6215, 8.4469,
0.8274


 23.0505, 33.9171,
10.3055


 2.0594, 4.3822,
0.0000

 33.9923, 48.1140,
17.3298


 0.6670, 1.8896,
0.0000


 47.9423, 65.8048,
26.9853

 0.0000, 0.5421,
0.0000


 65.2660, 87.3741,
39.6904


 0.0000, 0.0000,
0.0000


 86.3287, 113.2061,
55.8637


 111.4958,


143.6854, 75.9237


 141.1326,
179.1963, 100.2890


 8.7305, 14.4680,
2.4760


 8.7305, 14.4680,
2.4760


 8.5487, 14.3779,
2.3247

 9.2056, 14.7049,
2.8837

 9.7708, 14.9823,
3.5397

 10.4388, 15.3060,
4.5026

 11.2168, 15.6791,
5.8042

 12.1112, 16.1042,
7.4722

■ 13.1278, 16.5837,
9.5316

■ 14.2721, 17.1201,
12.0052

■ 15.5491, 17.7154,
14.9138

■ 16.9636, 18.3715,
18.2772

Harmonies

Analogous

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



12.5647, 14.4680, 1.2151



8.7305, 14.4680, 2.4760



6.6834, 14.4680, 7.3899

Triad

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



8.7305, 14.4680, 2.4760



10.3901, 14.4680, 56.9119



25.5726, 14.4680, 12.5047

Complementary

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



8.7305, 14.4680, 2.4760



5.4950, 2.5218, 17.9672

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.



24.5898, 14.4680, 28.8167



8.7305, 14.4680, 2.4760



15.0106, 14.4680, 61.4679

Square

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



8.7305, 14.4680, 2.4760



7.4680, 14.4680, 38.8730



20.4017, 14.4680, 49.0594



22.8322, 14.4680, 4.2998

Rectangle

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



8.7305, 14.4680, 2.4760



6.2442, 14.4680, 14.5219



20.4017, 14.4680, 49.0594



25.6760, 14.4680, 17.0522

Sweetspot

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



8.7308, 14.4686, 2.4763



24.2926, 29.7317, 19.3363



9.5236, 7.5045, 1.0903



5.5919, 6.9687, 4.2267



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



8.7308, 14.4686, 2.4763



14.8813, 25.2079, 4.0813



6.8068, 13.4768, 2.3863



4.1225, 4.5384, 4.2832



9.3094, 15.6764, 2.5352



43.4269, 74.2728, 12.0473

Inverse Universe

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



5.4950, 2.5218, 17.9672



9.1421, 4.0241, 31.5480



11.1907, 5.4580, 18.2337



3.9723, 3.9836, 5.0027



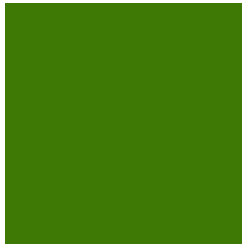
5.7498, 2.5369, 19.5719



26.4437, 11.5942, 93.3140

Previews

White Background



This preview shows how the XYZ color 8.7305, 14.4680, 2.4760 looks on a white background.

Color Contrast Check

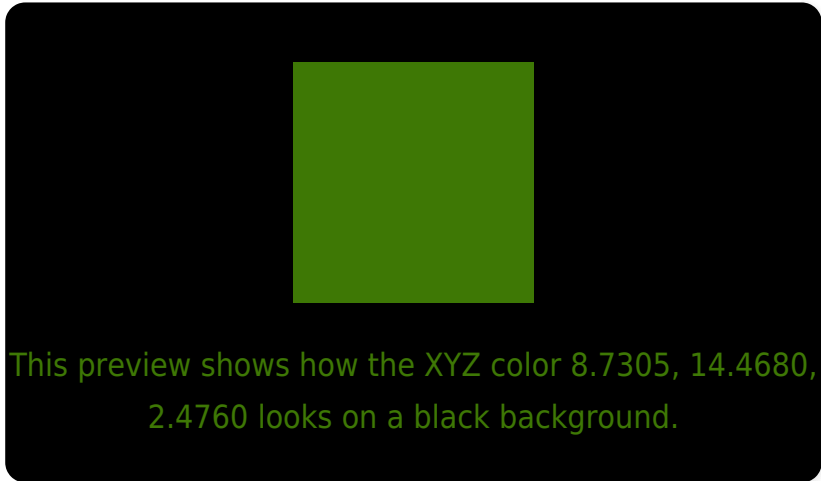
Large Text (above 18pt) WCAG AA ✓ Pass

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 8.7305, 14.4680, 2.4760

Background



This preview shows how black text looks on a background with the XYZ color 8.7305, 14.4680, 2.4760.



This preview shows how white text looks on a background with the XYZ color 8.7305, 14.4680,

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

8.7305, 14.4680, 2.4760

Protanopia

12.7618, 14.2300, 2.0740

Deuteranopia

14.4055, 14.1711, 2.8957



Tritanopia

12.3872, 14.5885, 20.2521

Trichromacy



Original Color

8.7305, 14.4680, 2.4760

Protanomaly

10.7324, 13.9699, 2.1882

Deuteranomaly

11.4303, 13.6849, 2.6113

Tritanomaly

10.2145, 14.2037, 9.6004

Monochromacy



Original Color

8.7305, 14.4680, 2.4760

Achromatopsia

9.7181, 10.2242, 11.1341

Achromatomaly

8.7514, 11.3286, 5.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 8.7305, 14.4680, 2.4760 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(62, 120, 5)` looks like.

```
.text, #text, p{  
    color:rgb(62, 120, 5)  
}
```

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(62, 120, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 120, 5) }
```

Border

The CSS property to change the border of an element to XYZ 8.7305, 14.4680, 2.4760 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(62, 120, 5) }
```


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

```
.border{ border-color:rgb(62, 120, 5) }
```

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

Here you see how a box with a 4 pixel rgb(62, 120, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 120, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 120, 5);  
box-shadow:4px 4px 4px 4px rgb(62, 120, 5)  
}
```

Background

The CSS property to change the background color of an element to XYZ 8.7305, 14.4680, 2.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 120, 5) }
```

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

```
.background{ background-color: rgb(62, 120,  
5) }
```

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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