

Converting Colors

XYZ(14.5055, 7.9527, 60.5587)

Have a look what the booklet for
XYZ(14.5055, 7.9527, 60.5587)
contains.

XYZ(14.4766, 7.9707, 60.4500)	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(14.4766, 7.9707,
60.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	3C34D0
RGB	60, 52, 208
RGB Percent	24%, 20%, 82%
CMY	0.7647, 0.7961, 0.1843
CMYK	0.71, 0.75, 0.00, 0.18
HSL	243°, 62%, 51%
HSV	243°, 75%, 82%
XYZ	14.4766, 7.9707, 60.4500
YIQ	72.1760, -45.3080, 50.2120

Conversions

Conversions Part 2

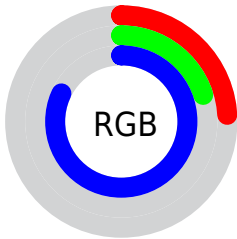
Format	Color
R_{YB}	60, 52, 208
Decimal	3945680
CIE Lab	33.92, 51.84, -78.31
CIE LCh	34, 93.911, 303.506
Yxy	7.9707, 0.1746, 0.0962
Android (android.graphics.Color)	4282135760 (0xFF3C34D0)
YUV	72.1760, 66.9612, -10.6784
Hunter-Lab	28.2324, 42.1218, -107.1864

Details

The XYZ color **14.4766, 7.9707, 60.4500** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **46.9923, 57.6378, 11.8970**, and the grayscale version is **6.0845, 6.4013, 6.9711**.

A 20% lighter version of the original color is **31.6058, 21.1166, 97.0178**, and **5.7001, 2.3321, 29.8555** is the 20% darker color. If you saturate the color by 10%, you get **12.7663, 6.0011, 60.1602**, and if you desaturate by 10%, it is **17.0409, 10.9869, 60.8973**.

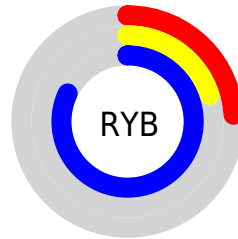
Distribution



Red (24%)

Green (20%)

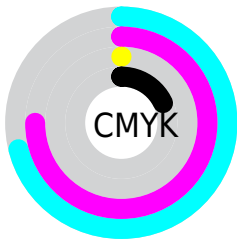
Blue (82%)



Red (24%)

Yellow (20%)

Blue (82%)

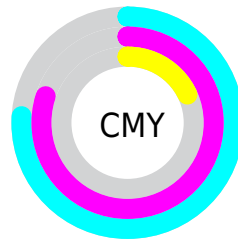


Cyan (71%)

Magenta (75%)

Yellow (0%)

Black (18%)



Cyan (76%)

Magenta (80%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4766, 7.9707, 60.4500 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 14.4766, 7.9707, 60.4500 by changing the saturation by 10% instead.

■ 14.4766, 7.9707,
60.4500

■ 14.4766, 7.9707,
60.4500

213.6278,
175.5020, 444.1051

■ 8.5368, 4.0762,
43.3538

■ 33.5116, 21.9010,
107.0319

■ 4.4950, 1.7163,
29.8293

■ 47.3375, 32.7056,
137.3547

■ 1.9858, 0.4342,
19.4581

■ 64.5228, 46.5823,
172.9234

■ 0.6260, 0.0000,
11.8216

■ 85.4328, 63.9156,
214.1567

■ 0.0000, 0.0000,
6.5013

■ 110.4330, 85.0898,
261.4729

■ 0.0000, 0.0000,
3.0785

■ 139.8886,

■ 0.0000, 0.0000,

110.4893, 315.2907

1.1349

174.1651,
140.4986, 376.0286

■ 0.0000, 0.0000,
0.0000

■ 14.4766, 7.9707,
60.4500

■ 14.4766, 7.9707,
60.4500

■ 12.7663, 6.0011,
60.1602

■ 17.0409, 10.9869,
60.8973

■ 11.7978, 4.9343,
60.0054

■ 20.5497, 15.1676,
61.5193

■ 11.5190, 4.6231,
59.9600

■ 25.0834, 20.6152,
62.3318

■ 30.7138, 27.4209,
63.3487

■ 37.5058, 35.6675,
64.5825

■ 45.5197, 45.4312,
66.0447

■ 54.8112, 56.7826,
67.7460

■ 65.4329, 69.7883,
69.6966

■ 77.4343, 84.5107,
71.9057

Harmonies

Analogous

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



8.1989, 7.9707, 79.1208



14.4766, 7.9707, 60.4500



20.3722, 7.9707, 28.5202

Triad

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



14.4766, 7.9707, 60.4500



12.9182, 7.9707, 0.0000



1.3620, 7.9707, 10.5345

Complementary

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



14.4766, 7.9707, 60.4500



46.9923, 57.6378, 11.8970

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.



1.7146, 7.9707, 1.1735



14.4766, 7.9707, 60.4500



6.9854, 7.9707, 0.0000

Square

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



14.4766, 7.9707, 60.4500



19.2215, 7.9707, 0.4645



3.3136, 7.9707, 0.0000



1.9498, 7.9707, 35.7017

Rectangle

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



14.4766, 7.9707, 60.4500



22.3226, 7.9707, 12.3043



3.3136, 7.9707, 0.0000



1.3764, 7.9707, 5.8461

Sweetspot

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



14.4771, 7.9708, 60.4502



61.5183, 59.0496, 102.7631



33.5020, 46.6855, 66.9202



12.2519, 11.5254, 21.8288



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



14.4771, 7.9708, 60.4502



19.1816, 8.3354, 95.2057



23.0612, 12.3961, 60.8520



11.2190, 11.4462, 14.8617



7.2041, 2.8941, 37.3714



0.4230, 0.1722, 2.0905

Inverse Universe

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



37.6645, 20.0354, 56.5192



57.8085, 28.4609, 87.4109



31.2300, 49.5120, 11.1594



12.2835, 11.9981, 14.7687



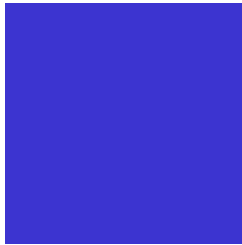
22.5276, 10.8839, 34.0143



1.2678, 0.6118, 1.9452

Previews

White Background



This preview shows how the XYZ color 14.4766, 7.9707, 60.4500 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 14.4766, 7.9707, 60.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

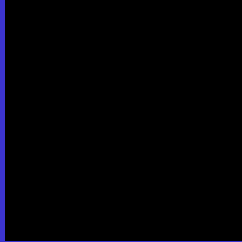
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4766, 7.9707, 60.4500

Background



This preview shows how black text looks on a background with the XYZ color 14.4766, 7.9707, 60.4500.



This preview shows how white text looks on a background with the XYZ color 14.4766, 7.9707,

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

14.4766, 7.9707, 60.4500

Protanopia

9.0869, 7.8810, 34.7605

Deuteranopia

7.5327, 7.8407, 24.7833



Tritanopia

5.5101, 7.7876, 11.8024

Trichromacy



Original Color

14.4766, 7.9707, 60.4500

Protanomaly

10.4339, 7.5192, 43.0209

Deuteranomaly

9.1950, 7.3214, 35.5789

Tritanomaly

7.2201, 6.9520, 23.8830

Monochromacy



Original Color

14.4766, 7.9707, 60.4500

Achromatopsia

6.1596, 6.4803, 7.0571

Achromatomaly

7.7254, 6.3900, 18.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4766, 7.9707, 60.4500 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(60, 52, 208)` looks like.

```
.text, #text, p{  
    color:rgb(60, 52, 208)  
}
```

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(60, 52, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 52, 208) }
```

Border

The CSS property to change the border of an element to XYZ 14.4766, 7.9707, 60.4500 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(60, 52, 208) }
```


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

```
.border{ border-color:rgb(60, 52, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 52, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 52, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 52, 208);  
box-shadow:4px 4px 4px 4px rgb(60, 52,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4766, 7.9707, 60.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 52, 208) }
```

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

```
.background{ background-color: rgb(60, 52,  
208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor