

Converting Colors

XYZ(10.0540, 17.6322, 5.4734)

Have a look what the booklet for
XYZ(10.0540, 17.6322, 5.4734)
contains.

XYZ(10.0074, 17.5532, 5.4454)	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(10.0074, 17.5532,
5.4454)**

Conversions

Conversions Part 1

Format	Color
Hex	2E852E
RGB	46, 133, 46
RGB Percent	18%, 52%, 18%
CMY	0.8196, 0.4784, 0.8196
CMYK	0.65, 0.00, 0.65, 0.48
HSL	120°, 49%, 35%
HSV	120°, 65%, 52%
XYZ	10.0074, 17.5532, 5.4454
YIQ	97.0690, -23.9250, -45.5010

Conversions

Conversions Part 2

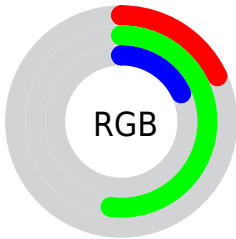
Format	Color
R_{YB}	46, 133, 133
Decimal	3048750
CIE Lab	48.95, -43.85, 38.30
CIE LCh	49, 58.222, 138.871
Yxy	17.5532, 0.3032, 0.5318
Android (android.graphics.Color)	4281238830 (0xFF2E852E)
YUV	97.0690, -25.1770, -44.7875
Hunter-Lab	41.8965, -30.6825, 21.6215

Details

The XYZ color **10.0074, 17.5532, 5.4454** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **14.8840, 8.6343, 23.0727**, and the grayscale version is **11.4438, 12.0398, 13.1113**.

A 20% lighter version of the original color is **25.4752, 39.2687, 17.3033**, and **3.0173, 6.0346, 1.0058** is the 20% darker color. If you saturate the color by 10%, you get **9.2759, 17.2024, 4.2486**, and if you desaturate by 10%, it is **11.0067, 18.0337, 7.0797**.

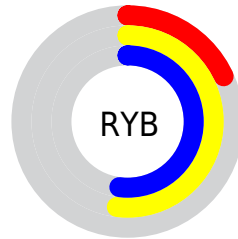
Distribution



Red (18%)

Green (52%)

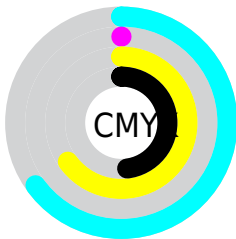
Blue (18%)



Red (18%)

Yellow (52%)

Blue (52%)

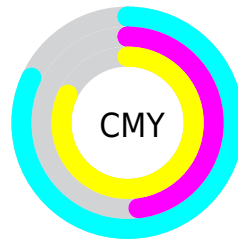


Cyan (65%)

Magenta (0%)

Yellow (65%)

Black (48%)



Cyan (82%)

Magenta (48%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0074, 17.5532, 5.4454 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 10.0074, 17.5532, 5.4454 by changing the saturation by 10% instead.

■ 10.0074, 17.5532,
5.4454

■ 10.0074, 17.5532,
5.4454

184.7774,
238.3405, 163.1444

■ 5.4662, 10.6297,
2.4476

■ 25.4590, 39.2745,
17.2258

■ 2.5608, 5.8184,
0.8122

■ 37.1000, 54.8411,
26.8455

■ 0.9260, 2.7350,
0.0000

■ 51.8384, 74.0575,
39.5095

■ 0.0000, 0.9950,
0.0000

■ 70.0394, 97.3081,
55.6365

■ 0.0000, 0.0000,
0.0000

■ 92.0685, 124.9773,
75.6449

■ 118.2909,

157.4495, 99.9534

149.0721,
195.1091, 128.9804

■ 10.0074, 17.5532,
5.4454

■ 10.0074, 17.5532,
5.4454

■ 9.2759, 17.2024,
4.2486

■ 11.0067, 18.0337,
7.0797

■ 8.7853, 16.9667,
3.4461

■ 12.2949, 18.6525,
9.1867

■ 8.4977, 16.8285,
2.9756

■ 13.8923, 19.4199,
11.7997

■ 8.3879, 16.7758,
2.7961

■ 15.8173, 20.3445,
14.9484

■ 18.0867, 21.4346,
18.6603

■ 20.7160, 22.6976,
22.9610

■ 23.7201, 24.1406,
27.8747

■ 27.1128, 25.7703,
33.4239

■ 30.9072, 27.5930,
39.6302

Harmonies

Analogous

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



13.5385, 17.5532, 2.5059



10.0074, 17.5532, 5.4454



8.4128, 17.5532, 13.9165

Triad

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



10.0074, 17.5532, 5.4454



14.7542, 17.5532, 65.8221



28.5989, 17.5532, 11.0010

Complementary

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



10.0074, 17.5532, 5.4454



14.8840, 8.6343, 23.0727

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.



29.1230, 17.5532, 25.4633



10.0074, 17.5532, 5.4454



20.2820, 17.5532, 63.4748

Square

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



10.0074, 17.5532, 5.4454



10.7310, 17.5532, 51.5085



25.8166, 17.5532, 46.1909



24.5097, 17.5532, 4.3037

Rectangle

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



10.0074, 17.5532, 5.4454



8.3677, 17.5532, 24.0880



25.8166, 17.5532, 46.1909



29.2264, 17.5532, 14.8741

Sweetspot

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



10.0078, 17.5539, 5.4458



30.2610, 37.3616, 29.9359



18.5544, 21.9598, 5.8456



6.6037, 8.3145, 6.3945



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.0078, 17.5539, 5.4458



16.1775, 30.5966, 6.8996



11.3389, 18.0864, 12.4554



4.6163, 5.2048, 4.9907



7.9893, 15.9786, 2.6632



0.0277, 0.0554, 0.0092

Inverse Universe

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



14.8840, 8.6343, 23.0727



25.6013, 13.3581, 40.9658



12.4746, 7.6705, 10.3851



4.8579, 4.7628, 5.8640



13.2460, 6.3627, 21.6656



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 10.0074, 17.5532, 5.4454 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



This preview shows how the XYZ color 10.0074, 17.5532, 5.4454 looks on a black 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

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

XYZ 10.0074, 17.5532, 5.4454

Background



This preview shows how black text looks on a background with the XYZ color 10.0074, 17.5532, 5.4454.



This preview shows how white text looks on a background with the XYZ color 10.0074, 17.5532,

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

10.0074, 17.5532, 5.4454

Protanopia

15.6989, 17.3180, 4.6131

Deuteranopia

17.5462, 17.2485, 5.7727



Tritanopia

13.9650, 17.4017, 25.1771

Trichromacy



Original Color

10.0074, 17.5532, 5.4454

Protanomaly

12.5412, 16.7461, 4.8568

Deuteranomaly

13.2385, 16.3753, 5.4806

Tritanomaly

11.9121, 17.1302, 15.2490

Monochromacy



Original Color

10.0074, 17.5532, 5.4454

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.0930, 13.3216, 9.2471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0074, 17.5532, 5.4454 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(46, 133, 46)` looks like.

```
.text, #text, p{  
    color:rgb(46, 133, 46)  
}
```

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(46, 133, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 133, 46) }
```

Border

The CSS property to change the border of an element to XYZ 10.0074, 17.5532, 5.4454 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(46, 133, 46) }
```


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

```
.border{ border-color:rgb(46, 133, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 133, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 133, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 133, 46);  
box-shadow:4px 4px 4px 4px rgb(46, 133,  
46) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0074, 17.5532, 5.4454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 133, 46) }
```

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

```
.background{ background-color: rgb(46, 133,  
46) }
```

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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