

Converting Colors

XYZ(10.0011, 13.9917, 6.2002)

Have a look what the booklet for
XYZ(10.0011, 13.9917, 6.2002)
contains.

XYZ(10.0055, 14.0024, 6.1784)	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(10.0055, 14.0024,
6.1784)**

Conversions

Conversions Part 1

Format	Color
Hex	4F723A
RGB	79, 114, 58
RGB Percent	31%, 45%, 23%
CMY	0.6902, 0.5529, 0.7725
CMYK	0.31, 0.00, 0.49, 0.55
HSL	98°, 33%, 34%
HSV	98°, 49%, 45%
XYZ	10.0055, 14.0024, 6.1784
YIQ	97.1510, -2.8840, -24.8360

Conversions

Conversions Part 2

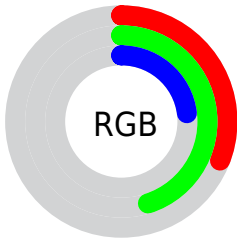
Format	Color
RYB	58, 114, 93
Decimal	5206586
CIELab	44.24, -23.55, 27.00
CIELCh	44, 35.831, 131.098
Yxy	14.0024, 0.3315, 0.4639
Android (android.graphics.Color)	4283396666 (0xFF4F723A)
YUV	97.1510, -19.3014, -15.9184
Hunter-Lab	37.4198, -17.7563, 16.4044

Details

The XYZ color **10.0055, 14.0024, 6.1784** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.0652, 6.5686, 16.7105**, and the grayscale version is **11.4463, 12.0424, 13.1141**.

A 20% lighter version of the original color is **25.4437, 33.0589, 18.6756**, and **2.5859, 4.2168, 1.0584** is the 20% darker color. If you saturate the color by 10%, you get **9.1858, 13.6102, 4.7902**, and if you desaturate by 10%, it is **10.9537, 14.4543, 7.9085**.

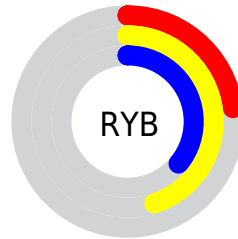
Distribution



Red (31%)

Green (45%)

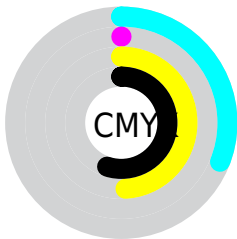
Blue (23%)



Red (23%)

Yellow (45%)

Blue (36%)

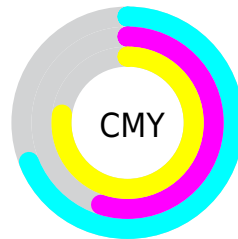


Cyan (31%)

Magenta (0%)

Yellow (49%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0055, 14.0024, 6.1784 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 10.0055, 14.0024, 6.1784 by changing the saturation by 10% instead.

10.0055, 14.0024,
6.1784

10.0055, 14.0024,
6.1784

184.7641,
217.2458, 170.0139

5.4649, 8.1223,
2.8833

25.4554, 33.0933,
18.7841

2.5601, 4.1733,
1.0354

37.0955, 47.0729,
28.9318

0.9256, 1.7710,
0.0000

51.8327, 64.5211,
42.2008

0.0000, 0.4690,
0.0000

70.0325, 85.8224,
59.0096

0.0000, 0.0000,
0.0000

92.0601, 111.3611,
79.7768

118.2811,

141.5217, 104.9209

149.0606,
176.6884, 134.8604

■ 10.0055, 14.0024,
6.1784

■ 10.0055, 14.0024,
6.1784

■ 9.1858, 13.6102,
4.7902

■ 10.9537, 14.4543,
7.9085

■ 8.4874, 13.2730,
3.7204

■ 12.0351, 14.9666,
10.0003

■ 7.9035, 12.9886,
2.9438


■ 13.2556, 15.5423,
12.4730


■ 7.4265, 12.7536,
2.4311


■ 14.6202, 16.1837,
15.3444

■ 7.0350, 12.5591,
2.0821


■ 16.1337, 16.8928,
18.6309

 7.0033, 12.5434,
2.0520

 17.8008, 17.6716,
22.3482

 19.6257, 18.5222,
26.5110

 21.6128, 19.4463,
31.1336

 23.7660, 20.4457,
36.2293

Harmonies

Analogous

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



12.2761, 14.0024, 4.4121



10.0055, 14.0024, 6.1784



8.7470, 14.0024, 10.6844

Triad

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



10.0055, 14.0024, 6.1784



11.6026, 14.0024, 35.5785



19.4810, 14.0024, 12.4059

Complementary

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



10.0055, 14.0024, 6.1784



9.0652, 6.5686, 16.7105

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.



19.2319, 14.0024, 20.9507



10.0055, 14.0024, 6.1784



14.3979, 14.0024, 36.5653

Square

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



10.0055, 14.0024, 6.1784



9.5735, 14.0024, 28.1498



17.2694, 14.0024, 30.4974



17.9078, 14.0024, 7.0478

Rectangle

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



10.0055, 14.0024, 6.1784



8.5251, 14.0024, 15.5508



17.2694, 14.0024, 30.4974



19.6129, 14.0024, 14.9457

Sweetspot

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



10.0058, 14.0030, 6.1787



24.1586, 27.7186, 23.7193



11.5773, 11.6305, 5.6379



5.5000, 6.3694, 5.3036



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.0058, 14.0030, 6.1787



15.9575, 23.8274, 8.1222



8.7034, 13.3111, 7.0413



3.4523, 3.8185, 3.6284



7.7780, 13.9534, 2.2833



37.8566, 69.0498, 11.3327

Inverse Universe

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



9.0652, 6.5686, 16.7105



14.0809, 9.0911, 28.9881



11.1315, 7.6753, 14.9345



3.3991, 3.3940, 4.2302



6.2757, 2.8447, 17.9399



30.2839, 13.6663, 89.3208

Previews

White Background



This preview shows how the XYZ color 10.0055, 14.0024, 6.1784 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 10.0055, 14.0024, 6.1784 looks on a 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 10.0055, 14.0024, 6.1784

Background



This preview shows how black text looks on a background with the XYZ color 10.0055, 14.0024, 6.1784.



This preview shows how white text looks on a background with the XYZ color 10.0055, 14.0024,

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

10.0055, 14.0024, 6.1784

Protanopia

12.7101, 13.8213, 5.6123

Deuteranopia

14.0837, 13.7835, 6.4756



Tritanopia

12.5394, 14.0608, 18.5761

Trichromacy



Original Color

10.0055, 14.0024, 6.1784

Protanomaly

11.5559, 13.8354, 5.8028

Deuteranomaly

12.2230, 13.5525, 6.3866

Tritanomaly

11.3878, 13.9094, 12.9111

Monochromacy



Original Color

10.0055, 14.0024, 6.1784

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

10.6280, 12.4987, 10.0359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0055, 14.0024, 6.1784 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(79, 114, 58)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 58)  
}
```

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(79, 114, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 58) }
```

Border

The CSS property to change the border of an element to XYZ 10.0055, 14.0024, 6.1784 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(79, 114, 58) }
```


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

```
.border{ border-color:rgb(79, 114, 58) }
```

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

Here you see how a box with a 4 pixel rgb(79, 114, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 58);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0055, 14.0024, 6.1784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 58) }
```

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

```
.background{ background-color: rgb(79, 114,  
58) }
```

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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