

Converting Colors

XYZ(10.9093, 14.0825, 10.1609)

Have a look what the booklet for
XYZ(10.9093, 14.0825, 10.1609)
contains.

XYZ(10.8844, 14.0365, 10.1183)	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(10.8844, 14.0365,
10.1183)**

Conversions

Conversions Part 1

Format	Color
Hex	537052
RGB	83, 112, 82
RGB Percent	33%, 44%, 32%
CMY	0.6745, 0.5608, 0.6784
CMYK	0.26, 0.00, 0.27, 0.56
HSL	118°, 15%, 38%
HSV	118°, 27%, 44%
XYZ	10.8844, 14.0365, 10.1183
YIQ	99.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

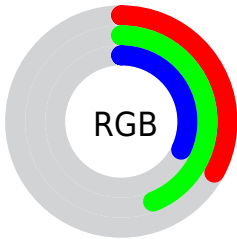
Format	Color
R_{YB}	82, 112, 111
Decimal	5468242
CIE _{Lab}	44.29, -17.04, 13.35
CIE _{LCh}	44, 21.651, 141.930
Yxy	14.0365, 0.3106, 0.4006
Android (android.graphics.Color)	4283658322 (0xFF537052)
YUV	99.9090, -8.8291, -14.8292
Hunter-Lab	37.4653, -13.7066, 10.2132

Details

The XYZ color **10.8844, 14.0365, 10.1183** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.4981, 10.5844, 16.7142**, and the grayscale version is **12.1134, 12.7442, 13.8784**.

A 20% lighter version of the original color is **27.1132, 33.2034, 26.8097**, and **2.9303, 4.1937, 2.4053** is the 20% darker color. If you saturate the color by 10%, you get **9.6108, 13.4256, 8.0126**, and if you desaturate by 10%, it is **12.3776, 14.7533, 12.5981**.

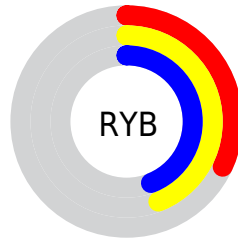
Distribution



Red (33%)

Green (44%)

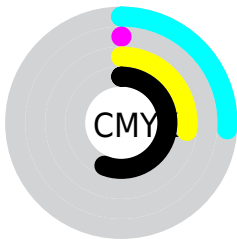
Blue (32%)



Red (32%)

Yellow (44%)

Blue (44%)

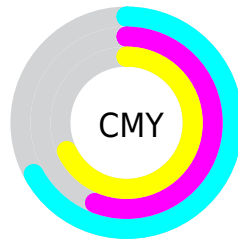


Cyan (26%)

Magenta (0%)

Yellow (27%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.8844, 14.0365, 10.1183 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 10.8844, 14.0365, 10.1183 by changing the saturation by 10% instead.

■ 10.8844, 14.0365,
10.1183

■ 10.8844, 14.0365,
10.1183

190.7975,
217.4578, 202.0297

■ 6.0559, 8.1461,
5.3708

■ 27.0811, 33.1538,
26.6291

■ 2.9201, 4.1885,
2.4039

■ 39.1799, 47.1494,
39.2294

■ 1.1116, 1.7796,
0.7886

■ 54.4329, 64.6155,
55.2845

■ 0.0348, 0.4744,
0.0000

■ 73.2054, 85.9366,
75.2129

■ 0.0000, 0.0000,
0.0000

■ 95.8627, 111.4969,
99.4331

122.7703,

141.6810, 128.3635

154.2934,
176.8731, 162.4229

■ 10.8844, 14.0365,
10.1183

■ 10.8844, 14.0365,
10.1183

■ 9.6108, 13.4256,
8.0126

■ 12.3776, 14.7533,
12.5981

■ 8.5453, 12.9140,
6.2621

■ 14.0988, 15.5789,
15.4679

■ 7.6773, 12.4970,
4.8473

■ 16.0575, 16.5182,
18.7438

■ 6.9946, 12.1687,
3.7469

■ 18.2622, 17.5752,
22.4409

■ 6.4837, 11.9227,
2.9369

■ 20.7210, 18.7538,
26.5734

■ 6.1294, 11.7517,
2.3898

■ 23.4416, 20.0578,
31.1547

■ 5.9044, 11.6433,
2.0395

■ 26.4316, 21.4906,
36.1978

■ 5.8411, 11.6129,
1.9337

■ 29.6979, 23.0558,
41.7151

■ 33.2475, 24.7564,
47.7186

Harmonies

Analogous

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



12.1342, 14.0365, 8.0255



10.8844, 14.0365, 10.1183



10.3044, 14.0365, 13.9814

Triad

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



10.8844, 14.0365, 10.1183



12.8786, 14.0365, 26.8235



16.6800, 14.0365, 11.9868

Complementary

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



10.8844, 14.0365, 10.1183



12.4981, 10.5844, 16.7142

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.



16.9229, 14.0365, 16.6637



10.8844, 14.0365, 10.1183



14.6259, 14.0365, 25.9649

Square

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



10.8844, 14.0365, 10.1183



11.3888, 14.0365, 24.1024



16.1426, 14.0365, 21.9612



15.5050, 14.0365, 8.9302

Rectangle

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



10.8844, 14.0365, 10.1183



10.3373, 14.0365, 17.3438



16.1426, 14.0365, 21.9612



16.8772, 14.0365, 13.3929

Sweetspot

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



10.8848, 14.0371, 10.1186



24.3116, 27.1487, 26.4116



13.8901, 15.4235, 10.2278



5.7464, 6.4771, 6.1878



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.



10.8848, 14.0371, 10.1186



17.7218, 23.9871, 15.4598



11.3856, 14.2273, 13.2128



3.3544, 3.7680, 3.6238



6.7484, 13.4226, 2.2352



33.4710, 66.7890, 11.1275

Inverse Universe

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



12.4981, 10.5844, 16.7142



21.0513, 16.8596, 29.0745



11.9045, 10.3615, 12.9283



3.5040, 3.4481, 4.2351



10.5648, 5.0558, 18.1406



52.4773, 25.1074, 90.3595

Previews

White Background



This preview shows how the XYZ color 10.8844, 14.0365, 10.1183 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 10.8844, 14.0365, 10.1183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

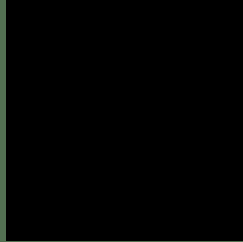
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.8844, 14.0365, 10.1183

Background



This preview shows how black text looks on a background with the XYZ color 10.8844, 14.0365, 10.1183.



This preview shows how white text looks on a background with the XYZ color 10.8844, 14.0365,

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

10.8844, 14.0365, 10.1183

Protanopia

13.0076, 13.8954, 9.2042

Deuteranopia

14.0426, 13.8194, 10.3148



Tritanopia

12.6348, 14.1099, 18.5806

Trichromacy



Original Color

10.8844, 14.0365, 10.1183

Protanomaly

12.0358, 13.8466, 9.4354

Deuteranomaly

12.5751, 13.6510, 10.1557

Tritanomaly

11.8978, 13.9630, 15.1647

Monochromacy



Original Color

10.8844, 14.0365, 10.1183

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.5422, 13.0706, 12.2705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.8844, 14.0365, 10.1183 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(83, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(83, 112, 82)  
}
```

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(83, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 112, 82) }
```

Border

The CSS property to change the border of an element to XYZ 10.8844, 14.0365, 10.1183 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(83, 112, 82) }
```


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

```
.border{ border-color:rgb(83, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(83, 112,  
82) }
```

Background

The CSS property to change the background color of an element to XYZ 10.8844, 14.0365, 10.1183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 112, 82) }
```

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

```
.background{ background-color: rgb(83, 112,  
82) }
```

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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