

Converting Colors

XYZ(11.3240, 14.3507, 11.6165)

Have a look what the booklet for
XYZ(11.3240, 14.3507, 11.6165)
contains.

XYZ(11.3645, 14.4163, 11.6349)	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(11.3645, 14.4163,
11.6349)**

Conversions

Conversions Part 1

Format	Color
Hex	547159
RGB	84, 113, 89
RGB Percent	33%, 44%, 35%
CMY	0.6706, 0.5569, 0.6510
CMYK	0.26, 0.00, 0.21, 0.56
HSL	130°, 15%, 39%
HSV	130°, 26%, 44%
XYZ	11.3645, 14.4163, 11.6349
YIQ	101.5930, -9.5800, -13.6120

Conversions

Conversions Part 2

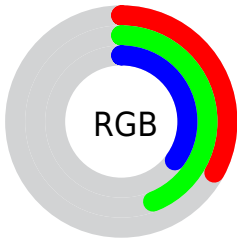
Format	Color
RYB	84, 109, 113
Decimal	5534041
CIELab	44.82, -15.85, 9.96
CIElCh	45, 18.720, 147.847
Yxy	14.4163, 0.3037, 0.3853
Android (android.graphics.Color)	4283724121 (0xFF547159)
YUV	101.5930, -6.2083, -15.4291
Hunter-Lab	37.9688, -13.0183, 8.4097

Details

The XYZ color **11.3645, 14.4163, 11.6349** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **12.6877, 10.9345, 15.6299**, and the grayscale version is **12.5410, 13.1941, 14.3684**.

A 20% lighter version of the original color is **27.9468, 33.8427, 29.4854**, and **3.1257, 4.3671, 2.9637** is the 20% darker color. If you saturate the color by 10%, you get **10.0655, 13.7896, 9.6528**, and if you desaturate by 10%, it is **12.8774, 15.1483, 13.8881**.

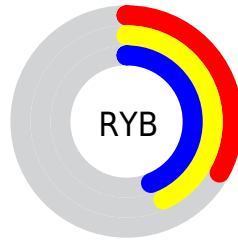
Distribution



Red (33%)

Green (44%)

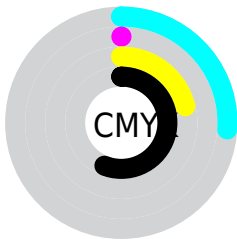
Blue (35%)



Red (33%)

Yellow (43%)

Blue (44%)

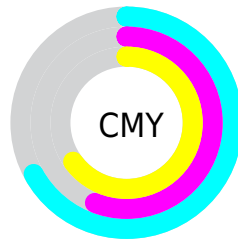


Cyan (26%)

Magenta (0%)

Yellow (21%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3645, 14.4163, 11.6349 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 11.3645, 14.4163, 11.6349 by changing the saturation by 10% instead.

■ 11.3645, 14.4163,
11.6349

■ 11.3645, 14.4163,
11.6349

194.0085,
219.8055, 212.8644

■ 6.3817, 8.4108,
6.3761

■ 27.9593, 33.8259,
29.4828

■ 3.1214, 4.3589,
3.0026

■ 40.3019, 47.9987,
42.9089

■ 1.2183, 1.8763,
1.0960

■ 55.8285, 65.6628,
59.8945

■ 0.1207, 0.5341,
0.0000

■ 74.9044, 87.2025,
80.8582

■ 0.0000, 0.0000,
0.0000

■ 97.8950, 113.0023,
106.2185

125.1657,

143.4464, 136.3940

157.0817,
178.9193, 171.8031

■ 11.3645, 14.4163,
11.6349

■ 11.3645, 14.4163,
11.6349

■ 10.0655, 13.7896,
9.6528

■ 12.8774, 15.1483,
13.8881

■ 8.9695, 13.2616,
7.9306

■ 14.6121, 15.9884,
16.4212

■ 8.0666, 12.8277,
6.4580

■ 16.5776, 16.9411,
19.2436

■ 7.3452, 12.4825,
5.2232

■ 18.7818, 18.0107,
22.3640

■ 6.7930, 12.2195,
4.2137

■ 21.2325, 19.2007,
25.7908

■ 6.3954, 12.0318,
3.4160

■ 23.9370, 20.5150,
29.5322

■ 6.1268, 11.9064,
2.8144

■ 26.9023, 21.9568,
33.5958

■ 6.0271, 11.8594,
2.6093

■ 30.1353, 23.5295,
37.9891

■ 33.6424, 25.2364,
42.7193

Harmonies

Analogous

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



12.3765, 14.4163, 9.3758



11.3645, 14.4163, 11.6349



10.9735, 14.4163, 15.3832

Triad

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



11.3645, 14.4163, 11.6349



13.5923, 14.4163, 25.6844



16.4648, 14.4163, 12.0887

Complementary

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



11.3645, 14.4163, 11.6349



12.6877, 10.9345, 15.6299

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.



16.8496, 14.4163, 16.0148



11.3645, 14.4163, 11.6349



15.1195, 14.4163, 24.3643

Square

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



11.3645, 14.4163, 11.6349



12.1988, 14.4163, 23.9433



16.3405, 14.4163, 20.6088



15.3244, 14.4163, 9.6015

Rectangle

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



11.3645, 14.4163, 11.6349



11.0940, 14.4163, 18.4166



16.3405, 14.4163, 20.6088



16.6903, 14.4163, 13.2591

Sweetspot

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



11.3649, 14.4169, 11.6352



25.3339, 28.2265, 28.1987



13.7105, 15.6496, 10.6859



5.7680, 6.4838, 6.3892



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.



11.3649, 14.4169, 11.6352



18.8715, 25.1010, 18.5895



12.0267, 14.6816, 15.1203



3.3664, 3.7718, 3.7357



6.8307, 13.4498, 2.9292



33.7974, 66.9076, 13.3845

Inverse Universe

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



12.6877, 10.9345, 15.6299



21.6843, 17.6927, 27.0814



11.9863, 10.6540, 11.9365



3.4909, 3.4441, 4.1119



9.9861, 4.8868, 12.2685



49.4654, 24.2315, 59.6423

Previews

White Background



This preview shows how the XYZ color 11.3645, 14.4163, 11.6349 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 11.3645, 14.4163, 11.6349 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 11.3645, 14.4163, 11.6349

Background



This preview shows how black text looks on a background with the XYZ color 11.3645, 14.4163, 11.6349.



This preview shows how white text looks on a background with the XYZ color 11.3645, 14.4163,

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

11.3645, 14.4163, 11.6349

Protanopia

13.4758, 14.4087, 10.6652

Deuteranopia

14.5249, 14.3230, 11.8966



Tritanopia

12.8585, 14.3691, 19.2353

Trichromacy



Original Color

11.3645, 14.4163, 11.6349

Protanomaly

12.6278, 14.4339, 10.9246

Deuteranomaly

13.1838, 14.2344, 11.7255

Tritanomaly

12.1603, 14.2396, 16.0175

Monochromacy



Original Color

11.3645, 14.4163, 11.6349

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.0310, 13.6040, 13.3010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3645, 14.4163, 11.6349 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(84, 113, 89) looks like.

```
.text, #text, p{  
    color:rgb(84, 113, 89)  
}
```

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(84, 113, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 113, 89) }
```

Border

The CSS property to change the border of an element to XYZ 11.3645, 14.4163, 11.6349 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(84, 113, 89) }
```


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

```
.border{ border-color:rgb(84, 113, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 113, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 113, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 113, 89);  
box-shadow:4px 4px 4px 4px rgb(84, 113,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3645, 14.4163, 11.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 113, 89) }
```

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

```
.background{ background-color: rgb(84, 113,  
89) }
```

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