

Converting Colors

XYZ(14.0000, 16.6949, 15.5917)

Have a look what the booklet for
XYZ(14.0000, 16.6949, 15.5917)
contains.

XYZ(14.0253, 16.7345, 15.5876)	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(14.0253, 16.7345,
15.5876)**

Conversions

Conversions Part 1

Format	Color
Hex	617768
RGB	97, 119, 104
RGB Percent	38%, 47%, 41%
CMY	0.6196, 0.5333, 0.5922
CMYK	0.18, 0.00, 0.13, 0.53
HSL	139°, 10%, 42%
HSV	139°, 18%, 47%
XYZ	14.0253, 16.7345, 15.5876
YIQ	110.7120, -8.2970, -9.3290

Conversions

Conversions Part 2

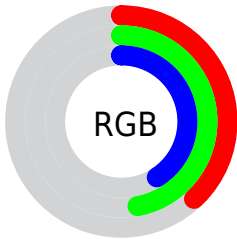
Format	Color
R _Y B	97, 114, 119
Decimal	6387560
CIE Lab	47.92, -11.32, 5.59
CIE LCh	48, 12.621, 153.719
Yxy	16.7345, 0.3026, 0.3611
Android (android.graphics.Color)	4284577640 (0xFF617768)
YUV	110.7120, -3.3090, -12.0254
Hunter-Lab	40.9078, -10.3897, 6.0435

Details

The XYZ color **14.0253, 16.7345, 15.5876** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8077, 13.6416, 17.1826**, and the grayscale version is **15.0374, 15.8205, 17.2285**.

A 20% lighter version of the original color is **32.6920, 37.7883, 36.5812**, and **4.3071, 5.4800, 4.7016** is the 20% darker color. If you saturate the color by 10%, you get **12.4587, 15.9727, 13.4655**, and if you desaturate by 10%, it is **15.8227, 17.6116, 17.9283**.

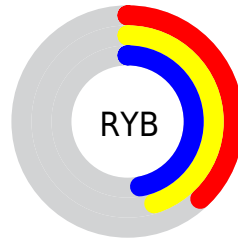
Distribution



Red (38%)

Green (47%)

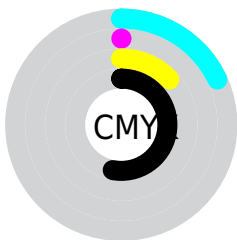
Blue (41%)



Red (38%)

Yellow (45%)

Blue (47%)

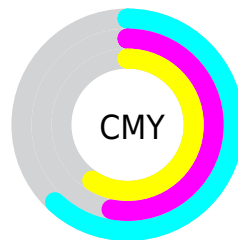


Cyan (18%)

Magenta (0%)

Yellow (13%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0253, 16.7345, 15.5876 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 14.0253, 16.7345, 15.5876 by changing the saturation by 10% instead.

■ 14.0253, 16.7345,
15.5876

■ 14.0253, 16.7345,
15.5876

210.8956,
233.6377, 238.6578

■ 8.2201, 10.0454,
9.0816

■ 32.7198, 37.8687,
36.6375

■ 4.2891, 5.4291,
4.6969

■ 46.3398, 53.0826,
52.0186

■ 1.8669, 2.5011,
2.0149

■ 63.2954, 71.9069,
71.1950

■ 0.5575, 0.8772,
0.5644

■ 83.9521, 94.7259,
94.5855

■ 0.0000, 0.0000,
0.0000

108.6750,
121.9241, 122.6084

137.8297,

153.8859, 155.6825

171.7815,
190.9956, 194.2261

■ 14.0253, 16.7345,
15.5876

■ 14.0253, 16.7345,
15.5876

■ 12.4587, 15.9727,
13.4655

■ 15.8227, 17.6116,
17.9283

■ 11.1121, 15.3194,
11.5545

■ 17.8586, 18.6065,
20.4925

■ 9.9755, 14.7701,
9.8486

■ 20.1419, 19.7241,
23.2863

■ 9.0380, 14.3192,
8.3408

■ 22.6807, 20.9685,
26.3153

■ 8.2874, 13.9606,
7.0238

■ 25.4827, 22.3435,
29.5848

■ 7.7102, 13.6875,
5.8899

■ 28.5553, 23.8529,
33.1001

■ 7.2908, 13.4921,
4.9308

■ 31.9055, 25.5001,
36.8661

■ 6.9873, 13.3529,
4.1362

■ 35.5402, 27.2886,
40.8877

■ 6.9448, 13.3333,
4.0296

■ 39.4659, 29.2217,
45.1698

Harmonies

Analogous

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



14.7229, 16.7345, 13.4947



14.0253, 16.7345, 15.5876



13.8228, 16.7345, 18.6300

Triad

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



14.0253, 16.7345, 15.5876



16.0478, 16.7345, 25.2083



17.7937, 16.7345, 14.9624

Complementary

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



14.0253, 16.7345, 15.5876



14.8077, 13.6416, 17.1826

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.



18.1879, 16.7345, 17.8180



14.0253, 16.7345, 15.5876



17.1500, 16.7345, 23.9392

Square

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



14.0253, 16.7345, 15.5876



14.9574, 16.7345, 24.4295



17.9470, 16.7345, 21.1355



16.8932, 16.7345, 13.1651

Rectangle

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



14.0253, 16.7345, 15.5876



13.9874, 16.7345, 20.8567



17.9470, 16.7345, 21.1355



17.9918, 16.7345, 15.8173

Sweetspot

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



14.0258, 16.7352, 15.5880



29.1455, 31.9330, 33.1394



15.4415, 17.5044, 13.8744



6.8661, 7.5477, 7.8014



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.0258, 16.7352, 15.5880



23.9241, 29.3868, 26.3189



14.6197, 16.9728, 18.7158



3.6842, 4.1156, 4.1709



7.3740, 14.1636, 4.2597



35.5844, 68.8810, 18.9143

Inverse Universe

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



14.8077, 13.6416, 17.1826



25.5856, 22.8119, 29.7064



14.2336, 13.4120, 14.1594



3.7794, 3.7391, 4.3652



9.6619, 4.7985, 8.6935



46.6814, 23.2227, 40.2470

Previews

White Background



This preview shows how the XYZ color 14.0253, 16.7345, 15.5876 looks on a white background.

Color Contrast Check

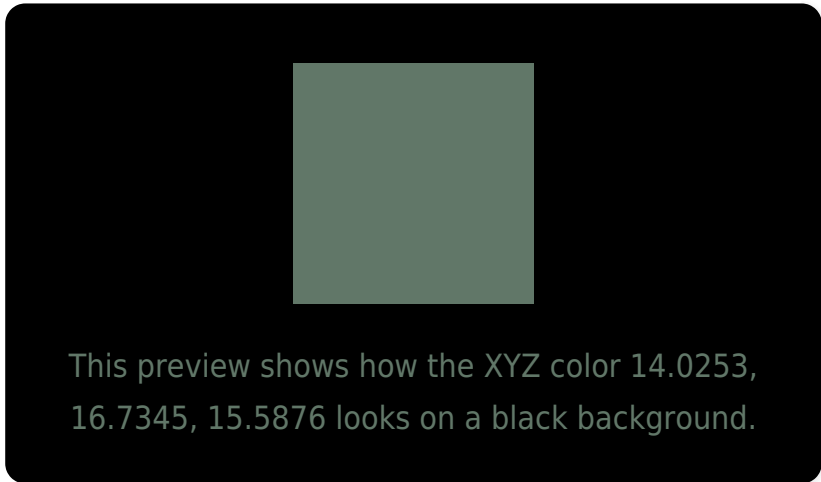
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 14.0253, 16.7345, 15.5876

Background



This preview shows how black text looks on a background with the XYZ color 14.0253, 16.7345, 15.5876.

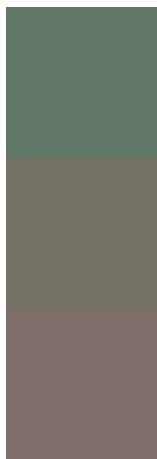


This preview shows how white text looks on a background with the XYZ color 14.0253, 16.7345,

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

14.0253, 16.7345, 15.5876

Protanopia

15.7253, 16.6014, 14.6875

Deuteranopia

16.9298, 16.7045, 15.9677



Tritanopia

15.3139, 16.7382, 21.8257

Trichromacy



Original Color

14.0253, 16.7345, 15.5876

Protanomaly

14.9594, 16.5358, 14.9736

Deuteranomaly

15.6574, 16.5432, 15.7325

Tritanomaly

14.8277, 16.7163, 19.2747

Monochromacy



Original Color

14.0253, 16.7345, 15.5876

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.6679, 16.1815, 16.5376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0253, 16.7345, 15.5876 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(97, 119, 104)` looks like.

```
.text, #text, p{  
    color:rgb(97, 119, 104)  
}
```

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(97, 119, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 119, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.0253, 16.7345, 15.5876 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(97, 119, 104) }
```


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

```
.border{ border-color:rgb(97, 119, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 119, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 119, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 119, 104);  
box-shadow:4px 4px 4px 4px rgb(97, 119,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0253, 16.7345, 15.5876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 119, 104) }
```

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

```
.background{ background-color: rgb(97, 119,  
104) }
```

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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