

Converting Colors

XYZ(14.3399, 16.4814, 18.0529)

Have a look what the booklet for
XYZ(14.3399, 16.4814, 18.0529)
contains.

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Color

**XYZ(14.3789, 16.5115,
18.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	627571
RGB	98, 117, 113
RGB Percent	38%, 46%, 44%
CMY	0.6157, 0.5412, 0.5569
CMYK	0.16, 0.00, 0.03, 0.54
HSL	167°, 9%, 42%
HSV	167°, 16%, 46%
XYZ	14.3789, 16.5115, 18.0520
YIQ	110.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

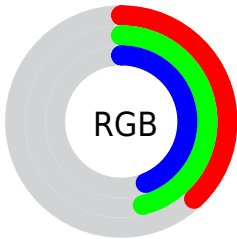
Format	Color
R_{YB}	98, 109, 117
Decimal	6452593
CIE _{Lab}	47.64, -7.88, -0.15
CIE _{LCh}	48, 7.886, 181.089
Yxy	16.5115, 0.2938, 0.3374
Android (android.graphics.Color)	4284642673 (0xFF627571)
YUV	110.8630, 1.0535, -11.2809
Hunter-Lab	40.6343, -7.9460, 2.1042

Details

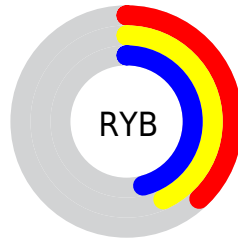
The XYZ color **14.3789, 16.5115, 18.0520** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1026, 13.4769, 14.4290**, and the grayscale version is **15.0692, 15.8540, 17.2650**.

A 20% lighter version of the original color is **33.3739, 37.4821, 41.0731**, and **4.4475, 5.3417, 5.7977** is the 20% darker color. If you saturate the color by 10%, you get **13.0709, 15.8535, 17.2767**, and if you desaturate by 10%, it is **15.8762, 17.2676, 18.8565**.

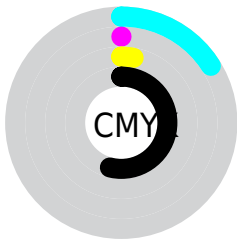
Distribution



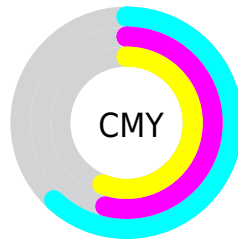
- Red (38%)
- Green (46%)
- Blue (44%)



- Red (38%)
- Yellow (43%)
- Blue (46%)



- Cyan (16%)
- Magenta (0%)
- Yellow (3%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3789, 16.5115, 18.0520 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 14.3789, 16.5115, 18.0520 by changing the saturation by 10% instead.

■ 14.3789, 16.5115,
18.0520

■ 14.3789, 16.5115,
18.0520

213.0392,
232.3413, 253.4099

■ 8.4681, 9.8868,
10.8175

■ 33.3405, 37.4839,
40.9410

■ 4.4502, 5.3240,
5.8316

■ 47.1221, 52.6005,
57.4327

■ 1.9599, 2.4386,
2.6758

■ 64.2579, 71.3165,
77.8471

■ 0.6113, 0.8456,
0.9312

■ 85.1134, 94.0162,
102.6028

■ 0.0000, 0.0000,
0.0000

110.0540,
121.0842, 132.1185

139.4449,

152.9048, 166.8125

173.6515,
189.8624, 207.1035

■ 14.3789, 16.5115,
18.0520

■ 14.3789, 16.5115,
18.0520

■ 13.0709, 15.8535,
17.2767

■ 15.8762, 17.2676,
18.8565

■ 11.9427, 15.2872,
16.5290

■ 17.5689, 18.1235,
19.6896

■ 10.9863, 14.8092,
15.8087

■ 19.4646, 19.0836,
20.5522

■ 10.1924, 14.4144,
15.1152

■ 21.5700, 20.1514,
21.4447

■ 9.5507, 14.0977,
14.4479

■ 23.8915, 21.3302,
22.3676

■ 9.0499, 13.8532,
13.8060

■ 26.4353, 22.6231,
23.3214

■ 8.6769, 13.6742,
13.1888

■ 29.2073, 24.0332,
24.3063

■ 8.4053, 13.5470,
12.5950

■ 32.2132, 25.5634,
25.3229

■ 8.3093, 13.5023,
12.3768

■ 35.4585, 27.2166,
26.3715

Harmonies

Analogous

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



14.5384, 16.5115, 16.1685



14.3789, 16.5115, 18.0520



14.5629, 16.5115, 20.0551

Triad

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



14.3789, 16.5115, 18.0520



16.4031, 16.5115, 21.5064



16.3572, 16.5115, 14.7939

Complementary

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



14.3789, 16.5115, 18.0520



14.1026, 13.4769, 14.4290

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.



16.8816, 16.5115, 16.0499



14.3789, 16.5115, 18.0520



16.9086, 16.5115, 19.9182

Square

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



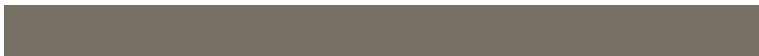
14.3789, 16.5115, 18.0520



15.7194, 16.5115, 22.1392



17.0863, 16.5115, 17.9046



15.6680, 16.5115, 14.3743

Rectangle

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



14.3789, 16.5115, 18.0520



14.8588, 16.5115, 21.1664



17.0863, 16.5115, 17.9046



16.5593, 16.5115, 15.1274

Sweetspot

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



14.3794, 16.5122, 18.0524



28.7476, 31.0811, 33.9281



14.0591, 16.4367, 13.9871



6.5731, 7.1276, 7.7821



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.3794, 16.5122, 18.0524



24.9502, 29.1651, 31.8680



14.0003, 15.3855, 19.0623



3.7519, 4.1427, 4.5273



9.1489, 14.8736, 13.6061



44.2639, 72.3528, 64.6198

Inverse Universe

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



14.1026, 13.4769, 14.4290



24.3685, 22.7832, 24.2506



14.4297, 14.4411, 13.5823



3.7126, 3.7123, 4.0134



8.2668, 4.2404, 1.3470



40.0226, 20.5591, 5.1823

Previews

White Background



This preview shows how the XYZ color 14.3789, 16.5115, 18.0520 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 14.3789, 16.5115, 18.0520 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

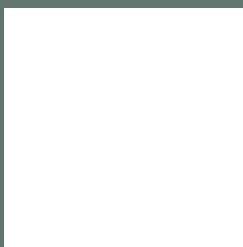
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3789, 16.5115, 18.0520

Background



This preview shows how black text looks on a background with the XYZ color 14.3789, 16.5115, 18.0520.



This preview shows how white text looks on a background with the XYZ color 14.3789, 16.5115,

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

14.3789, 16.5115, 18.0520

Protanopia

15.6789, 16.3590, 17.0831

Deuteranopia

16.7315, 16.3860, 18.5006



Tritanopia

15.0244, 16.4260, 21.4475

Trichromacy



Original Color

14.3789, 16.5115, 18.0520

Protanomaly

15.1932, 16.4335, 17.4101

Deuteranomaly

15.7709, 16.3807, 18.2502

Tritanomaly

14.7811, 16.4995, 20.1750

Monochromacy



Original Color

14.3789, 16.5115, 18.0520

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7736, 16.0443, 17.6474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3789, 16.5115, 18.0520 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(98, 117, 113) looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 113)  
}
```

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(98, 117, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 113) }
```

Border

The CSS property to change the border of an element to XYZ 14.3789, 16.5115, 18.0520 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(98, 117, 113) }
```


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

```
.border{ border-color:rgb(98, 117, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 113);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3789, 16.5115, 18.0520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 113) }
```

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

```
.background{ background-color: rgb(98, 117,  
113) }
```

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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