

Converting Colors

XYZ(14.1950, 16.7543, 18.6942)

Have a look what the booklet for
XYZ(14.1950, 16.7543, 18.6942)
contains.

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Color

**XYZ(14.2055, 16.7586,
18.7057)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7773
RGB	93, 119, 115
RGB Percent	36%, 47%, 45%
CMY	0.6353, 0.5333, 0.5490
CMYK	0.22, 0.00, 0.03, 0.53
HSL	171°, 12%, 42%
HSV	171°, 22%, 47%
XYZ	14.2055, 16.7586, 18.7057
YIQ	110.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

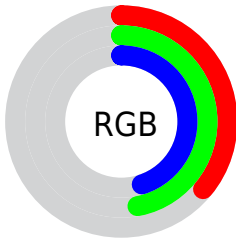
Format	Color
R_{YB}	93, 107, 119
Decimal	6125427
CIE _{Lab}	47.95, -10.32, -0.92
CIE _{LCh}	48, 10.362, 185.070
Yxy	16.7586, 0.2860, 0.3374
Android (android.graphics.Color)	4284315507 (0xFF5D7773)
YUV	110.7700, 2.0854, -15.5843
Hunter-Lab	40.9373, -9.6996, 1.5644

Details

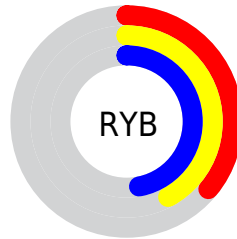
The XYZ color **14.2055, 16.7586, 18.7057** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **13.6803, 12.6141, 13.0236**, and the grayscale version is **15.0403, 15.8235, 17.2318**.

A 20% lighter version of the original color is **33.0396, 37.8451, 42.1227**, and **4.3931, 5.4926, 6.1388** is the 20% darker color. If you saturate the color by 10%, you get **12.9893, 16.1441, 18.1044**, and if you desaturate by 10%, it is **15.6122, 17.4719, 19.3276**.

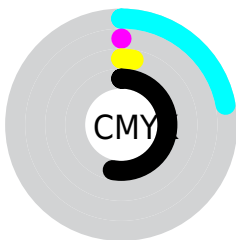
Distribution



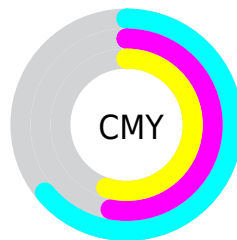
- Red (36%)
- Green (47%)
- Blue (45%)



- Red (36%)
- Yellow (42%)
- Blue (47%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (64%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2055, 16.7586, 18.7057 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 14.2055, 16.7586, 18.7057 by changing the saturation by 10% instead.

■ 14.2055, 16.7586,
18.7057

■ 14.2055, 16.7586,
18.7057

211.9907,
233.7774, 257.1876

■ 8.3464, 10.0625,
11.2832

■ 33.0364, 37.9103,
42.0663

■ 4.3710, 5.4404,
6.1411

■ 46.7390, 53.1346,
58.8414

■ 1.9141, 2.5079,
2.8609

■ 63.7867, 71.9706,
79.5711

■ 0.5850, 0.8806,
1.0240

■ 84.5450, 94.8025,
104.6739

■ 0.0000, 0.0000,
0.0000

109.3792,
122.0147, 134.5685

138.6546,

153.9917, 169.6732

172.7366,
191.1178, 210.4067

■ 14.2055, 16.7586,
18.7057

■ 14.2055, 16.7586,
18.7057

■ 12.9893, 16.1441,
18.1044

■ 15.6122, 17.4719,
19.3276

■ 11.9535, 15.6220,
17.5220

■ 17.2162, 18.2863,
19.9693

■ 11.0893, 15.1880,
16.9585

■ 19.0254, 19.2062,
20.6317

■ 10.3865, 14.8371,
16.4133

■ 21.0472, 20.2354,
21.3152

■ 9.8338, 14.5633,
15.8858

■ 23.2883, 21.3775,
22.0201

■ 9.4186, 14.3600,
15.3754

■ 25.7554, 22.6357,
22.7468

■ 9.1258, 14.2198,
14.8812

■ 28.4546, 24.0135,
23.4957

■ 8.9309, 14.1278,
14.4882

■ 31.3921, 25.5138,
24.2671

■ 34.5737, 27.1397,
25.0613

Harmonies

Analogous

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



14.3546, 16.7586, 16.1637



14.2055, 16.7586, 18.7057



14.5032, 16.7586, 21.3655

Triad

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



14.2055, 16.7586, 18.7057



16.9831, 16.7586, 22.7897



16.6977, 16.7586, 13.9686

Complementary

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



14.2055, 16.7586, 18.7057



13.6803, 12.6141, 13.0236

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.



17.4444, 16.7586, 15.4482



14.2055, 16.7586, 18.7057



17.6136, 16.7586, 20.5026

Square

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



14.2055, 16.7586, 18.7057



16.0878, 16.7586, 23.8660



17.7856, 16.7586, 17.7964



15.7703, 16.7586, 13.5878

Rectangle

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



14.2055, 16.7586, 18.7057



14.9221, 16.7586, 22.7981



17.7856, 16.7586, 17.7964



16.9793, 16.7586, 14.3463

Sweetspot

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



14.2060, 16.7593, 18.7061



29.2528, 31.9441, 35.1410



13.5384, 16.5444, 12.8359



6.9044, 7.5561, 8.3167



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.



14.2060, 16.7593, 18.7061



24.3483, 29.4586, 32.9732



13.4564, 14.8835, 19.6172



3.7603, 4.1461, 4.5715



9.4853, 15.0081, 15.3775



45.9678, 73.0344, 73.5925

Inverse Universe

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



13.6803, 12.6141, 13.0236



23.2379, 20.6976, 20.9661



14.3027, 14.1501, 12.3335



3.7048, 3.7092, 3.9724



8.1990, 4.2133, 0.9899



39.7458, 20.4484, 3.7249

Previews

White Background



This preview shows how the XYZ color 14.2055, 16.7586, 18.7057 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 14.2055, 16.7586, 18.7057 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 14.2055, 16.7586, 18.7057

Background



This preview shows how black text looks on a background with the XYZ color 14.2055, 16.7586, 18.7057.



This preview shows how white text looks on a background with the XYZ color 14.2055, 16.7586,

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

14.2055, 16.7586, 18.7057

Protanopia

16.0322, 16.6931, 17.7063

Deuteranopia

16.9552, 16.6472, 19.1492



Tritanopia

14.9114, 16.6878, 22.5138

Trichromacy



Original Color

14.2055, 16.7586, 18.7057

Protanomaly

15.2957, 16.6419, 18.0288

Deuteranomaly

15.7396, 16.5160, 18.8813

Tritanomaly

14.6697, 16.7666, 21.2020

Monochromacy



Original Color

14.2055, 16.7586, 18.7057

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.6509, 16.1475, 17.6738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2055, 16.7586, 18.7057 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(93, 119, 115) looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 115)  
}
```

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(93, 119, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 115) }
```

Border

The CSS property to change the border of an element to XYZ 14.2055, 16.7586, 18.7057 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(93, 119, 115) }
```


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

```
.border{ border-color:rgb(93, 119, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 115);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2055, 16.7586, 18.7057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 115) }
```

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

```
.background{ background-color: rgb(93, 119,  
115) }
```

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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