

Converting Colors

XYZ(14.5275, 15.0637, 18.0480)

Have a look what the booklet for
XYZ(14.5275, 15.0637, 18.0480)
contains.

XYZ(14.5842, 15.1282, 18.0709)	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(14.5842, 15.1282,
18.0709)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6C72
RGB	108, 108, 114
RGB Percent	42%, 42%, 45%
CMY	0.5765, 0.5765, 0.5529
CMYK	0.05, 0.05, 0.00, 0.55
HSL	240°, 3%, 44%
HSV	240°, 5%, 45%
XYZ	14.5842, 15.1282, 18.0709
YIQ	108.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

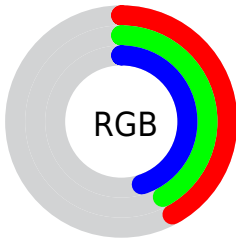
Format	Color
R_{YB}	108, 108, 114
Decimal	7105650
CIE Lab	45.81, 1.26, -3.34
CIE LCh	46, 3.572, 290.687
Yxy	15.1282, 0.3052, 0.3166
Android (android.graphics.Color)	4285295730 (0xFF6C6C72)
YUV	108.6840, 2.6208, -0.5999
Hunter-Lab	38.8950, -1.1352, -0.3201

Details

The XYZ color **14.5842, 15.1282, 18.0709** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6636, 16.6946, 16.5845**, and the grayscale version is **14.4400, 15.1920, 16.5441**.

A 20% lighter version of the original color is **33.5791, 34.9204, 41.0469**, and **4.5766, 4.7229, 5.8247** is the 20% darker color. If you saturate the color by 10%, you get **12.1630, 12.2111, 17.6357**, and if you desaturate by 10%, it is **17.3448, 18.4544, 18.5676**.

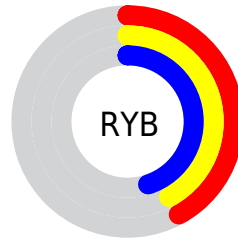
Distribution



Red (42%)

Green (42%)

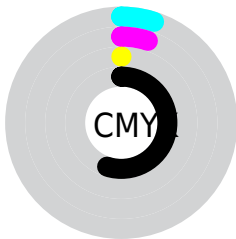
Blue (45%)



Red (42%)

Yellow (42%)

Blue (45%)

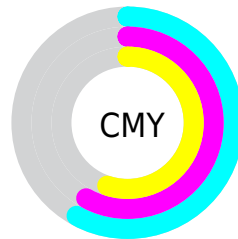


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (55%)



Cyan (58%)

Magenta (58%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5842, 15.1282, 18.0709 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 14.5842, 15.1282, 18.0709 by changing the saturation by 10% instead.

■ 14.5842, 15.1282,
18.0709

■ 14.5842, 15.1282,
18.0709

214.2742,
224.1409, 253.5199

■ 8.6125, 8.9094,
10.8309

■ 33.6998, 35.0779,
40.9737

■ 4.5444, 4.6821,
5.8405

■ 47.5743, 49.5776,
57.4736

■ 2.0145, 2.0620,
2.6811

■ 64.8139, 67.6065,
77.8972

■ 0.6421, 0.6431,
0.9339

■ 85.7838, 89.5488,
102.6630

■ 0.0000, 0.0000,
0.0000

110.8494,
115.7890, 132.1897

140.3761,

146.7115, 166.8957

174.7293,
182.7006, 207.1996

■ 14.5842, 15.1282,
18.0709

■ 14.5842, 15.1282,
18.0709

■ 12.1630, 12.2111,
17.6357

■ 17.3448, 18.4544,
18.5676

■ 10.0668, 9.6855,
17.2587

■ 20.4557, 22.2025,
19.1271

■ 8.2822, 7.5353,
16.9377

■ 23.9291, 26.3874,
19.7518

■ 6.7944, 5.7425,
16.6701

■ 27.7763, 31.0224,
20.4437

■ 5.5872, 4.2879,
16.4529

■ 32.0077, 36.1206,
21.2047

■ 4.6430, 3.1502,
16.2831

■ 36.6338, 41.6941,
22.0367

■ 3.9422, 2.3057,
16.1570

■ 41.6644, 47.7548,
22.9414

■ 3.4627, 1.7278,
16.0708

■ 47.1089, 54.3144,
23.9206

■ 3.1638, 1.3676,
16.0170

■ 52.9767, 61.3838,
24.9759

Harmonies

Analogous

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



14.2855, 15.1282, 18.1614



14.5842, 15.1282, 18.0709



14.8311, 15.1282, 17.5440

Triad

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



14.5842, 15.1282, 18.0709



14.7485, 15.1282, 15.2233



13.8156, 15.1282, 16.2054

Complementary

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



14.5842, 15.1282, 18.0709



15.6636, 16.6946, 16.5845

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.



13.9360, 15.1282, 15.4446



14.5842, 15.1282, 18.0709



14.4727, 15.1282, 14.8908

Square

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



14.5842, 15.1282, 18.0709



14.9268, 15.1282, 15.8938



14.1755, 15.1282, 14.9704



13.8445, 15.1282, 17.0642

Rectangle

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



14.5842, 15.1282, 18.0709



14.9317, 15.1282, 17.0260



14.1755, 15.1282, 14.9704



13.8399, 15.1282, 15.9302

Sweetspot

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



14.5846, 15.1288, 18.0712



27.1209, 28.3827, 32.0245



15.2335, 16.4356, 18.2594



6.2900, 6.5855, 7.4094



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.



14.5846, 15.1288, 18.0712



25.2259, 26.0996, 31.6837



14.9431, 15.3134, 18.0880



3.3771, 3.4927, 4.2504



3.3814, 1.3531, 17.8046



16.8433, 6.7384, 88.6920

Inverse Universe

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



15.0091, 15.3856, 16.3668



26.0933, 26.6243, 28.2007



15.2925, 16.5036, 16.5672



3.4960, 3.5646, 3.7732



7.7251, 3.9824, 0.3624



38.4817, 19.8380, 1.8027

Previews

White Background



This preview shows how the XYZ color 14.5842, 15.1282, 18.0709 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 14.5842, 15.1282, 18.0709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

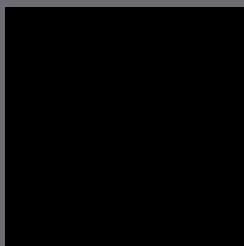
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

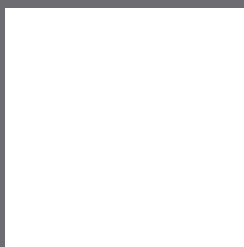
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5842, 15.1282, 18.0709

Background



This preview shows how black text looks on a background with the XYZ color 14.5842, 15.1282, 18.0709.



This preview shows how white text looks on a background with the XYZ color 14.5842, 15.1282,

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

14.5842, 15.1282, 18.0709

Protanopia

14.7065, 15.1912, 18.0767

Deuteranopia

15.3485, 15.0540, 18.3164



Tritanopia

14.6993, 15.1742, 18.6772

Trichromacy

**Original Color**

14.5842, 15.1282, 18.0709

Protanomaly

14.7065, 15.1912, 18.0767

Deuteranomaly

15.0586, 15.0566, 18.3322

Tritanomaly

14.6414, 15.1511, 18.3724

Monochromacy

**Original Color**

14.5842, 15.1282, 18.0709

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

14.6446, 15.3362, 17.2273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5842, 15.1282, 18.0709 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(108, 108, 114)` looks like.

```
.text, #text, p{  
    color:rgb(108, 108, 114)  
}
```

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(108, 108, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 108, 114) }
```

Border

The CSS property to change the border of an element to XYZ 14.5842, 15.1282, 18.0709 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(108, 108, 114) }
```


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

```
.border{ border-color:rgb(108, 108, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 108, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 108, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 108, 114);  
box-shadow:4px 4px 4px 4px rgb(108, 108,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5842, 15.1282, 18.0709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 108, 114) }
```

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

```
.background{ background-color: rgb(108,  
108, 114) }
```

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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