

Converting Colors

XYZ(15.3416, 16.2741, 18.0081)

Have a look what the booklet for
XYZ(15.3416, 16.2741, 18.0081)
contains.

XYZ(15.3162, 16.3175, 17.9651)	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(15.3162, 16.3175,
17.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7171
RGB	110, 113, 113
RGB Percent	43%, 44%, 44%
CMY	0.5686, 0.5569, 0.5569
CMYK	0.03, 0.00, 0.00, 0.56
HSL	180°, 1%, 44%
HSV	180°, 3%, 44%
XYZ	15.3162, 16.3175, 17.9651
YIQ	112.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

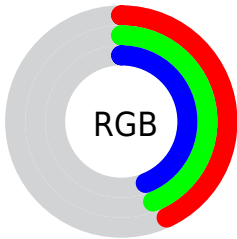
Format	Color
R_{YB}	110, 112, 113
Decimal	7238001
CIE Lab	47.39, -1.14, -0.40
CIE LCh	47, 1.208, 199.567
Yxy	16.3175, 0.3088, 0.3290
Android (android.graphics.Color)	4285428081 (0xFF6E7171)
YUV	112.1030, 0.4422, -1.8443
Hunter-Lab	40.3949, -3.0108, 1.9080

Details

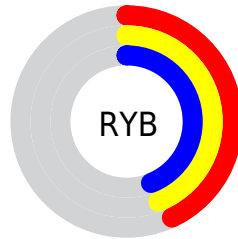
The XYZ color **15.3162, 16.3175, 17.9651** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.2011, 15.7889, 16.9991**, and the grayscale version is **15.4308, 16.2344, 17.6793**.

A 20% lighter version of the original color is **35.1470, 37.3083, 40.9461**, and **4.8943, 5.2190, 5.7504** is the 20% darker color. If you saturate the color by 10%, you get **13.9987, 15.6388, 17.9017**, and if you desaturate by 10%, it is **16.8140, 17.0900, 18.0377**.

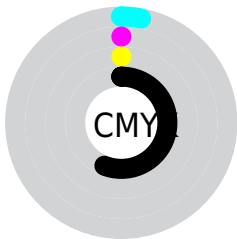
Distribution



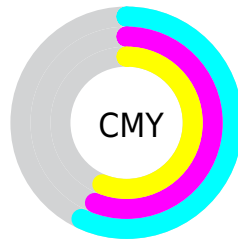
- Red (43%)
- Green (44%)
- Blue (44%)



- Red (43%)
- Yellow (44%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (56%)



- Cyan (57%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3162, 16.3175, 17.9651 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 15.3162, 16.3175, 17.9651 by changing the saturation by 10% instead.

■ 15.3162, 16.3175,
17.9651

■ 15.3162, 16.3175,
17.9651

218.6228,
231.2080, 252.9038

■ 9.1294, 9.7491,
10.7558

■ 34.9741, 37.1485,
40.7910

■ 4.8834, 5.2329,
5.7907

■ 49.1758, 52.1799,
57.2446

■ 2.2131, 2.3846,
2.6515

■ 66.7799, 70.8012,
77.6167

■ 0.7496, 0.8179,
0.9189

■ 88.1516, 93.3966,
102.3259

■ 0.0000, 0.0000,
0.0000

113.6565,
120.3506, 131.7906

143.6597,

152.0475, 166.4295

178.5267,
188.8719, 206.6610

■ 15.3162, 16.3175,
17.9651

■ 15.3162, 16.3175,
17.9651

■ 13.9987, 15.6388,
17.9017

■ 16.8140, 17.0900,
18.0377

■ 12.8533, 15.0484,
17.8459

■ 18.4970, 17.9576,
18.1185

■ 11.8734, 14.5432,
17.7979

■ 20.3718, 18.9241,
18.2084

■ 11.0512, 14.1195,
17.7573

■ 22.4442, 19.9924,
18.3075

■ 10.3787, 13.7728,
17.7237

■ 24.7196, 21.1653,
18.4161

■ 9.8467, 13.4986,
17.6967

■ 27.2034, 22.4458,
18.5345

■ 9.4453, 13.2917,
17.6758

■ 29.9008, 23.8363,
18.6629

■ 9.1632, 13.1464,
17.6605

■ 32.8167, 25.3394,
18.8014

■ 8.9863, 13.0552,
17.6501

■ 35.9558, 26.9576,
18.9505

Harmonies

Analogous

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



15.3078, 16.3175, 17.6605



15.3162, 16.3175, 17.9651



15.3762, 16.3175, 18.2194

Triad

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



15.3162, 16.3175, 17.9651



15.6665, 16.3175, 18.1520



15.5466, 16.3175, 17.1937

Complementary

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



15.3162, 16.3175, 17.9651



15.2011, 15.7889, 16.9991

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.



15.6431, 16.3175, 17.3221



15.3162, 16.3175, 17.9651



15.7126, 16.3175, 17.8739

Square

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



15.3162, 16.3175, 17.9651



15.5783, 16.3175, 18.3281



15.7040, 16.3175, 17.5703



15.4405, 16.3175, 17.2174

Rectangle

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



15.3162, 16.3175, 17.9651



15.4376, 16.3175, 18.3250



15.7040, 16.3175, 17.5703



15.5812, 16.3175, 17.2204

Sweetspot

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



15.3167, 16.3182, 17.9655



27.8406, 29.4330, 32.1889



15.1568, 16.2550, 17.0909



6.4434, 6.8093, 7.4444



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.



15.3167, 16.3182, 17.9655



27.3194, 29.1644, 32.1637



15.1562, 15.9971, 17.9125



3.6489, 3.9048, 4.3154



10.0749, 14.7475, 20.0128



50.1860, 73.4631, 99.6857

Inverse Universe

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



15.2011, 15.7889, 16.9991



27.0801, 28.0681, 30.1624



15.3588, 16.1045, 17.0512



3.6115, 3.7336, 4.0028



7.7254, 3.9825, 0.3637



38.4822, 19.8382, 1.8055

Previews

White Background



This preview shows how the XYZ color 15.3162, 16.3175, 17.9651 looks on a white background.

Color Contrast Check

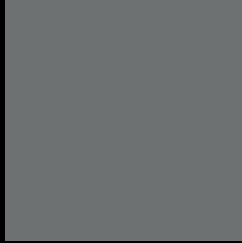
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3162, 16.3175, 17.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

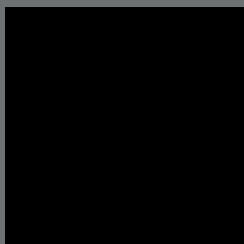
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

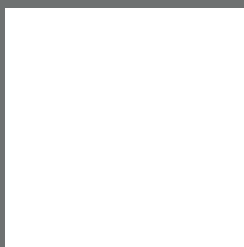
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3162, 16.3175, 17.9651

Background



This preview shows how black text looks on a background with the XYZ color 15.3162, 16.3175, 17.9651.



This preview shows how white text looks on a background with the XYZ color 15.3162, 16.3175,

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

15.3162, 16.3175, 17.9651

Protanopia

15.6582, 16.3356, 17.6570

Deuteranopia

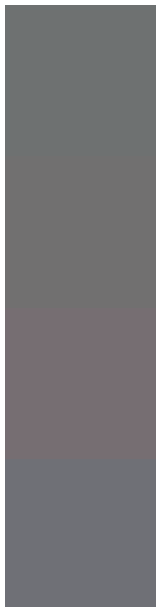
16.5319, 16.2898, 18.1925



Tritanopia

15.8009, 16.3483, 20.4119

Trichromacy



Original Color

15.3162, 16.3175, 17.9651

Protanomaly

15.5289, 16.2689, 17.6510

Deuteranomaly

16.0844, 16.2183, 18.2023

Tritanomaly

15.6197, 16.2759, 19.4578

Monochromacy



Original Color

15.3162, 16.3175, 17.9651

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2743, 16.1377, 17.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3162, 16.3175, 17.9651 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(110, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 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(110, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.3162, 16.3175, 17.9651 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(110, 113, 113) }
```


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

```
.border{ border-color:rgb(110, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3162, 16.3175, 17.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 113) }
```

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

```
.background{ background-color: rgb(110,  
113, 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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