

Converting Colors

XYZ(16.2893, 17.6482, 20.7162)

Have a look what the booklet for
XYZ(16.2893, 17.6482, 20.7162)
contains.

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Color

**XYZ(16.2363, 17.5886,
20.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	6D7679
RGB	109, 118, 121
RGB Percent	43%, 46%, 47%
CMY	0.5725, 0.5372, 0.5255
CMYK	0.10, 0.02, 0.00, 0.53
HSL	195°, 5%, 45%
HSV	195°, 10%, 47%
XYZ	16.2363, 17.5886, 20.6283
YIQ	115.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

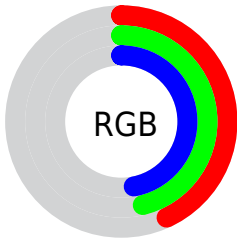
Format	Color
R_{YB}	109, 114, 121
Decimal	7173753
CIE _{Lab}	48.99, -2.71, -2.81
CIE _{LCh}	49, 3.907, 226.001
Yxy	17.5886, 0.2982, 0.3230
Android (android.graphics.Color)	4285363833 (0xFF6D7679)
YUV	115.6510, 2.6371, -5.8329
Hunter-Lab	41.9388, -4.2878, 0.1943

Details

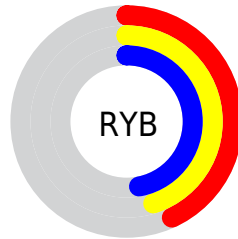
The XYZ color **16.2363, 17.5886, 20.6283** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.4396, 16.7572, 16.8363**, and the grayscale version is **16.4877, 17.3464, 18.8902**.

A 20% lighter version of the original color is **36.6155, 39.3436, 45.1994**, and **5.3172, 5.8535, 7.1529** is the 20% darker color. If you saturate the color by 10%, you get **14.4989, 16.1734, 20.4470**, and if you desaturate by 10%, it is **18.1911, 19.1337, 20.8238**.

Distribution



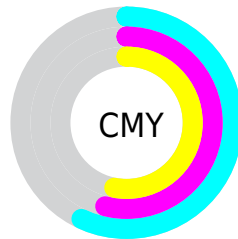
- Red (43%)
- Green (46%)
- Blue (47%)



- Red (43%)
- Yellow (45%)
- Blue (47%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2363, 17.5886, 20.6283 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 16.2363, 17.5886, 20.6283 by changing the saturation by 10% instead.

■ 16.2363, 17.5886,
20.6283

■ 16.2363, 17.5886,
20.6283

223.9751,
238.5419, 268.0123

■ 9.7834, 10.6550,
12.6640

■ 36.5621, 39.3350,
45.3408

■ 5.3168, 5.8354,
7.0696

■ 51.1657, 54.9167,
62.9261

■ 2.4709, 2.7452,
3.4265

■ 69.2170, 74.1499,
84.5555

■ 0.8806, 1.0002,
1.3163

■ 91.0812, 97.4189,
110.6475

■ 0.0000, 0.0000,
0.0751

117.1238,
125.1083, 141.6206

■ 0.0000, 0.0000,
0.0000

147.7101,

157.6023, 177.8934

183.2054,
195.2853, 219.8845

■ 16.2363, 17.5886,
20.6283

■ 16.2363, 17.5886,
20.6283

■ 14.4989, 16.1734,
20.4470

■ 18.1911, 19.1337,
20.8238

■ 12.9690, 14.8815,
20.2783

■ 20.3696, 20.8109,
21.0327

■ 11.6380, 13.7087,
20.1220

■ 22.7800, 22.6248,
21.2558

■ 10.4962, 12.6499,
19.9779

■ 25.4294, 24.5793,
21.4934

■ 9.5332, 11.6996,
19.8452

■ 28.3247, 26.6781,
21.7459

8.7372, 10.8516,
19.7234

31.4724, 28.9247,
22.0136

8.0954, 10.0990,
19.6120

34.8789, 31.3226,
22.2969

7.5925, 9.4338,
19.5101

38.5503, 33.8749,
22.5961

7.1764, 8.8289,
19.4153

42.4924, 36.5850,
22.9114

Harmonies

Analogous

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



16.0541, 17.5886, 19.7085



16.2363, 17.5886, 20.6283



16.5488, 17.5886, 21.1610

Triad

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



16.2363, 17.5886, 20.6283



17.4053, 17.5886, 19.6396



16.5254, 17.5886, 17.2894

Complementary

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



16.2363, 17.5886, 20.6283



16.4396, 16.7572, 16.8363

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.



16.8872, 17.5886, 17.2725



16.2363, 17.5886, 20.6283



17.3988, 17.5886, 18.6041

Square

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



16.2363, 17.5886, 20.6283



17.2256, 17.5886, 20.5763



17.2080, 17.5886, 17.7460



16.2194, 17.5886, 17.7930

Rectangle

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



16.2363, 17.5886, 20.6283



16.7907, 17.5886, 21.2129



17.2080, 17.5886, 17.7460



16.6444, 17.5886, 17.2272

Sweetspot

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



16.2368, 17.5893, 20.6287



31.4271, 33.3644, 37.1765



16.0578, 18.0916, 17.9169



7.1276, 7.5830, 8.4947



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.



16.2368, 17.5893, 20.6287



28.2994, 30.8728, 36.8604



15.5744, 16.2645, 20.4079



4.0263, 4.3509, 5.0708



7.6778, 9.4380, 20.8023



35.9227, 43.6181, 98.9956

Inverse Universe

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



16.6242, 16.3105, 19.4125



29.1510, 28.0934, 34.1795



17.1006, 18.0791, 17.0566



4.1137, 4.0612, 4.7966



10.4587, 5.1596, 10.9724



49.5353, 24.4705, 50.4762

Previews

White Background



This preview shows how the XYZ color 16.2363, 17.5886, 20.6283 looks on a white background.

Color Contrast Check

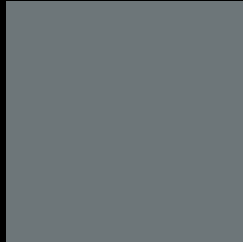
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.2363, 17.5886, 20.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

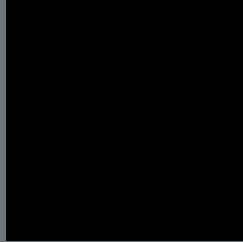
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

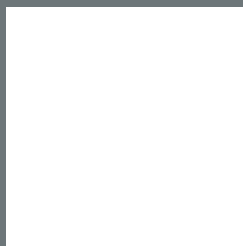
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2363, 17.5886, 20.6283

Background



This preview shows how black text looks on a background with the XYZ color 16.2363, 17.5886, 20.6283.



This preview shows how white text looks on a background with the XYZ color 16.2363, 17.5886,

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

16.2363, 17.5886, 20.6283

Protanopia

16.9717, 17.6288, 20.2775

Deuteranopia

17.8754, 17.5754, 20.8626



Tritanopia

16.5576, 17.5439, 22.2523

Trichromacy



Original Color

16.2363, 17.5886, 20.6283

Protanomaly

16.6909, 17.6561, 20.2976

Deuteranomaly

17.2513, 17.5885, 20.8980

Tritanomaly

16.4298, 17.4928, 21.5793

Monochromacy



Original Color

16.2363, 17.5886, 20.6283

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.4414, 17.5413, 19.6588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2363, 17.5886, 20.6283 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(109, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(109, 118, 121)  
}
```

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(109, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 16.2363, 17.5886, 20.6283 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(109, 118, 121) }
```


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

```
.border{ border-color:rgb(109, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(109, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2363, 17.5886, 20.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 118, 121) }
```

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

```
.background{ background-color: rgb(109,  
118, 121) }
```

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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