

Converting Colors

XYZ(17.5335, 19.0243, 28.6555)

Have a look what the booklet for
XYZ(17.5335, 19.0243, 28.6555)
contains.

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Color

**XYZ(17.5204, 18.9739,
28.7255)**

Conversions

Conversions Part 1

Format	Color
Hex	667B8F
RGB	102, 123, 143
RGB Percent	40%, 48%, 56%
CMY	0.6000, 0.5176, 0.4392
CMYK	0.29, 0.14, 0.00, 0.44
HSL	209°, 17%, 48%
HSV	209°, 29%, 56%
XYZ	17.5204, 18.9739, 28.7255
YIQ	119.0010, -18.9360, 1.7680

Conversions

Conversions Part 2

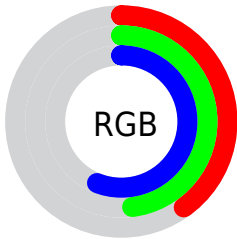
Format	Color
R_{YB}	102, 116, 143
Decimal	6716303
CIE _{Lab}	50.66, -2.75, -13.35
CIE _{LCh}	51, 13.628, 258.339
Yxy	18.9739, 0.2686, 0.2909
Android (android.graphics.Color)	4284906383 (0xFF667B8F)
YUV	119.0010, 11.8315, -14.9099
Hunter-Lab	43.5590, -4.4317, -8.6081

Details

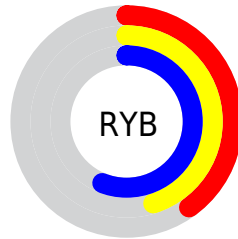
The XYZ color **17.5204, 18.9739, 28.7255** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.6858, 20.7182, 15.4797**, and the grayscale version is **17.5034, 18.4150, 20.0539**.

A 20% lighter version of the original color is **38.7344, 41.5612, 58.8039**, and **5.9459, 6.4721, 11.2918** is the 20% darker color. If you saturate the color by 10%, you get **15.2029, 16.5405, 28.3783**, and if you desaturate by 10%, it is **20.1804, 21.6763, 29.1072**.

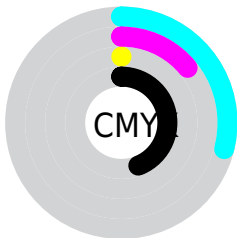
Distribution



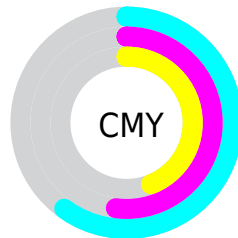
- Red (40%)
- Green (48%)
- Blue (56%)



- Red (40%)
- Yellow (45%)
- Blue (56%)



- Cyan (29%)
- Magenta (14%)
- Yellow (0%)
- Black (44%)



- Cyan (60%)
- Magenta (52%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5204, 18.9739, 28.7255 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 17.5204, 18.9739, 28.7255 by changing the saturation by 10% instead.

■ 17.5204, 18.9739,
28.7255

■ 17.5204, 18.9739,
28.7255

231.2519,
246.3046, 309.9379

■ 10.7038, 11.6514,
18.6295

■ 38.7549, 41.6900,
58.6776

■ 5.9339, 6.5068,
11.2288

■ 53.9035, 57.8524,
79.3708

■ 2.8452, 3.1556,
6.1048

■ 72.5602, 77.7302,
104.4335

■ 1.0724, 1.2135,
2.8391

■ 95.0903, 101.7079,
134.2842

■ 0.0019, 0.0727,
1.0131

121.8592,
130.1698, 169.3414

■ 0.0000, 0.0000,
0.0000

153.2322,

163.5002, 210.0238

189.5746,
202.0837, 256.7497

■ 17.5204, 18.9739,
28.7255

■ 17.5204, 18.9739,
28.7255

■ 15.2029, 16.5405,
28.3783

■ 20.1804, 21.6763,
29.1072

■ 13.2104, 14.3638,
28.0631

■ 23.1955, 24.6548,
29.5232

■ 11.5266, 12.4340,
27.7794

■ 26.5802, 27.9189,
29.9749

■ 10.1328, 10.7393,
27.5258

■ 30.3473, 31.4770,
30.4631

■ 9.0083, 9.2670,
27.3008

■ 34.5091, 35.3372,
30.9889

■ 8.1288, 8.0025,
27.1031

■ 39.0772, 39.5071,
31.5530

■ 7.4423, 6.9166,
26.9297

■ 44.0629, 43.9941,
32.1563

■ 7.3569, 6.7810,
26.9080

■ 49.4769, 48.8054,
32.7996

■ 55.3296, 53.9477,
33.4837

Harmonies

Analogous

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



16.3815, 18.9739, 26.6510



17.5204, 18.9739, 28.7255



18.8537, 18.9739, 28.4503

Triad

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



17.5204, 18.9739, 28.7255



20.5814, 18.9739, 18.4321



16.1840, 18.9739, 16.1489

Complementary

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



17.5204, 18.9739, 28.7255



20.6858, 20.7182, 15.4797

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.



17.2387, 18.9739, 14.4389



17.5204, 18.9739, 28.7255



19.7943, 18.9739, 15.6406

Square

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



17.5204, 18.9739, 28.7255



20.6660, 18.9739, 22.1807



18.5578, 18.9739, 14.2651



15.6358, 18.9739, 19.2092

Rectangle

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



17.5204, 18.9739, 28.7255



19.6733, 18.9739, 26.9768



18.5578, 18.9739, 14.2651



16.4886, 18.9739, 15.4143

Sweetspot

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



17.5210, 18.9747, 28.7259



41.2423, 43.8625, 52.8306



18.8039, 23.8707, 21.9698



9.2861, 9.8907, 12.0919



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.5210, 18.9747, 28.7259



28.7948, 31.2875, 51.0595



15.2567, 14.4461, 27.9712



5.3436, 5.6831, 6.8441



6.5259, 6.0377, 23.7985



0.0844, 0.1018, 0.2349

Inverse Universe

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



19.6547, 16.7730, 20.9413



33.2914, 26.9648, 34.5831



23.4465, 26.2397, 16.3999



5.5169, 5.4673, 6.2201



11.0971, 5.5958, 6.1625



0.1172, 0.0580, 0.1175

Previews

White Background



This preview shows how the XYZ color 17.5204, 18.9739, 28.7255 looks on a white background.

Color Contrast Check

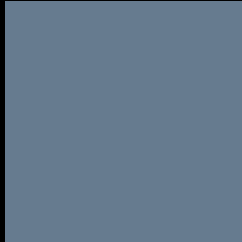
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 17.5204, 18.9739, 28.7255 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

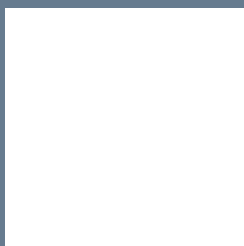
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5204, 18.9739, 28.7255

Background



This preview shows how black text looks on a background with the XYZ color 17.5204, 18.9739, 28.7255.

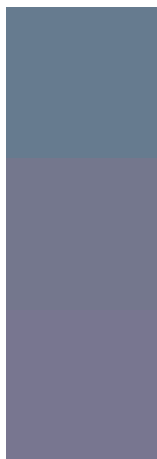


This preview shows how white text looks on a background with the XYZ color 17.5204, 18.9739,

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

17.5204, 18.9739, 28.7255

Protanopia

18.6070, 18.8297, 27.8531

Deuteranopia

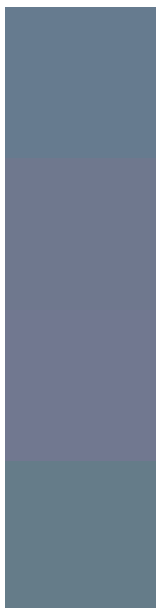
19.2582, 18.9636, 29.0309



Tritanopia

16.7663, 18.8459, 25.3082

Trichromacy



Original Color

17.5204, 18.9739, 28.7255

Protanomaly

18.1545, 18.7654, 28.2564

Deuteranomaly

18.5606, 18.9573, 29.0664

Tritanomaly

17.0898, 18.9881, 26.4313

Monochromacy



Original Color

17.5204, 18.9739, 28.7255

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.4228, 18.5022, 23.0751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5204, 18.9739, 28.7255 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(102, 123, 143)` looks like.

```
.text, #text, p{  
    color:rgb(102, 123, 143)  
}
```

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(102, 123, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 123, 143) }
```

Border

The CSS property to change the border of an element to XYZ 17.5204, 18.9739, 28.7255 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(102, 123, 143) }
```


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

```
.border{ border-color:rgb(102, 123, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 123, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 123, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 123, 143);  
box-shadow:4px 4px 4px 4px rgb(102, 123,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5204, 18.9739, 28.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 123, 143) }
```

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

```
.background{ background-color: rgb(102,  
123, 143) }
```

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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