

Converting Colors

XYZ(17.6032, 19.2718, 26.1186)

Have a look what the booklet for
XYZ(17.6032, 19.2718, 26.1186)
contains.

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Color

**XYZ(17.5954, 19.2570,
26.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7C88
RGB	106, 124, 136
RGB Percent	42%, 49%, 53%
CMY	0.5843, 0.5137, 0.4667
CMYK	0.22, 0.09, 0.00, 0.47
HSL	204°, 12%, 47%
HSV	204°, 22%, 53%
XYZ	17.5954, 19.2570, 26.0822
YIQ	119.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

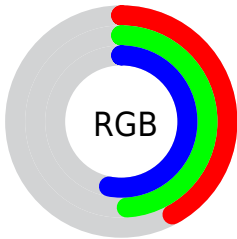
Format	Color
R_{YB}	106, 117, 136
Decimal	6978696
CIE Lab	50.99, -3.77, -8.72
CIE LCh	51, 9.497, 246.606
Yxy	19.2570, 0.2796, 0.3060
Android (android.graphics.Color)	4285168776 (0xFF6A7C88)
YUV	119.9860, 7.8949, -12.2657
Hunter-Lab	43.8828, -5.2229, -4.5217

Details

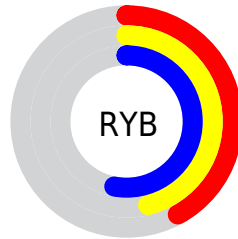
The XYZ color **17.5954, 19.2570, 26.0822** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2335, 19.2318, 16.3344**, and the grayscale version is **17.8274, 18.7558, 20.4251**.

A 20% lighter version of the original color is **38.8112, 41.9939, 54.2042**, and **5.9407, 6.6036, 9.7656** is the 20% darker color. If you saturate the color by 10%, you get **15.4428, 17.1635, 25.7919**, and if you desaturate by 10%, it is **20.0431, 21.5594, 26.3979**.

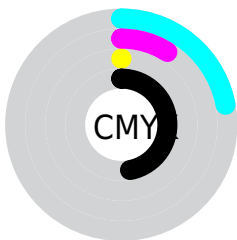
Distribution



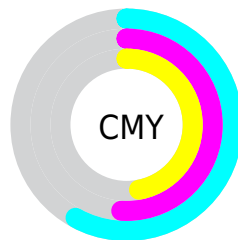
- Red (42%)
- Green (49%)
- Blue (53%)



- Red (42%)
- Yellow (46%)
- Blue (53%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (47%)



- Cyan (58%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5954, 19.2570, 26.0822 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 17.5954, 19.2570, 26.0822 by changing the saturation by 10% instead.

■ 17.5954, 19.2570,
26.0822

■ 17.5954, 19.2570,
26.0822

231.6705,
247.8639, 296.8037

■ 10.7578, 11.8561,
16.6588

■ 38.8822, 42.1679,
54.3932

■ 5.9703, 6.6458,
9.8322

■ 54.0621, 58.4468,
74.1180

■ 2.8675, 3.2416,
5.1837

■ 72.7535, 78.4537,
98.1136

■ 1.0841, 1.2591,
2.2948

■ 95.3218, 102.5732,
126.7986

■ 0.0118, 0.1092,
0.7283

122.1323,
131.1895, 160.5916

■ 0.0000, 0.0000,
0.0000

153.5503,

164.6871, 199.9111

189.9413,
203.4505, 245.1756

■ 17.5954, 19.2570,
26.0822

■ 17.5954, 19.2570,
26.0822

■ 15.4428, 17.1635,
25.7919

■ 20.0431, 21.5594,
26.3979

■ 13.5709, 15.2692,
25.5249

■ 22.7961, 24.0754,
26.7385

■ 11.9666, 13.5669,
25.2809

■ 25.8661, 26.8123,
27.1049

■ 10.6152, 12.0481,
25.0590

■ 29.2636, 29.7765,
27.4980

■ 9.5001, 10.7032,
24.8581

■ 32.9987, 32.9740,
27.9183

■ 8.6028, 9.5217,
24.6774

■ 37.0810, 36.4104,
28.3664

■ 7.9013, 8.4913,
24.5155

■ 41.5198, 40.0914,
28.8430

■ 7.4318, 7.7531,
24.3977

■ 46.3240, 44.0222,
29.3485

■ 51.5020, 48.2081,
29.8836

Harmonies

Analogous

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



16.8913, 19.2570, 24.2057



17.5954, 19.2570, 26.0822



18.5117, 19.2570, 26.5369

Triad

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



17.5954, 19.2570, 26.0822



20.1566, 19.2570, 20.3782



17.2472, 19.2570, 17.0834

Complementary

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



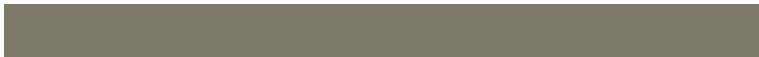
17.5954, 19.2570, 26.0822



19.2335, 19.2318, 16.3344

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.



18.0962, 19.2570, 16.2377



17.5954, 19.2570, 26.0822



19.7917, 19.2570, 18.0320

Square

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



17.5954, 19.2570, 26.0822



20.0114, 19.2570, 23.0892



19.0297, 19.2570, 16.5696



16.6951, 19.2570, 18.9801

Rectangle

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



17.5954, 19.2570, 26.0822



19.1240, 19.2570, 25.9408



19.0297, 19.2570, 16.5696



17.5062, 19.2570, 16.6745

Sweetspot

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



17.5960, 19.2578, 26.0826



37.6333, 40.1211, 46.8090



17.9887, 21.9690, 20.2769



8.6623, 9.2430, 10.8338



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.5960, 19.2578, 26.0826



29.2364, 32.2301, 45.7285



15.9103, 15.8864, 25.5207



5.0078, 5.3585, 6.3762



7.0431, 7.3564, 23.0944



0.0612, 0.0776, 0.1582

Inverse Universe

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



18.9459, 16.9979, 21.3520



32.0446, 27.7003, 35.8493



21.0745, 22.9137, 16.9481



5.1505, 5.0957, 5.8813



11.0418, 5.5268, 7.9905



0.0806, 0.0396, 0.0913

Previews

White Background



This preview shows how the XYZ color 17.5954, 19.2570, 26.0822 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 17.5954, 19.2570, 26.0822 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

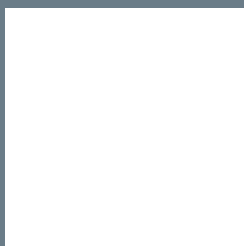
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.5954, 19.2570, 26.0822

Background



This preview shows how black text looks on a background with the XYZ color 17.5954, 19.2570, 26.0822.



This preview shows how white text looks on a background with the XYZ color 17.5954, 19.2570,

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

17.5954, 19.2570, 26.0822

Protanopia

18.7653, 19.1472, 25.2610

Deuteranopia

19.4512, 19.1230, 26.3328



Tritanopia

17.4546, 19.2007, 25.3404

Trichromacy



Original Color

17.5954, 19.2570, 26.0822

Protanomaly

18.2808, 19.0689, 25.6388

Deuteranomaly

18.7030, 19.0906, 26.3660

Tritanomaly

17.5247, 19.2287, 25.7095

Monochromacy



Original Color

17.5954, 19.2570, 26.0822

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6735, 18.8259, 22.4409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5954, 19.2570, 26.0822 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(106, 124, 136)` looks like.

```
.text, #text, p{  
    color:rgb(106, 124, 136)  
}
```

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(106, 124, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 124, 136) }
```

Border

The CSS property to change the border of an element to XYZ 17.5954, 19.2570, 26.0822 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(106, 124, 136) }
```


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

```
.border{ border-color:rgb(106, 124, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 124, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 124, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 124, 136);  
box-shadow:4px 4px 4px 4px rgb(106, 124,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5954, 19.2570, 26.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 124, 136) }
```

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

```
.background{ background-color: rgb(106,  
124, 136) }
```

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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