

Converting Colors

XYZ(18.5186, 20.0752, 26.9467)

Have a look what the booklet for
XYZ(18.5186, 20.0752, 26.9467)
contains.

XYZ(18.4787, 20.0717, 26.9450)	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(18.4787, 20.0717,
26.9450)**

Conversions

Conversions Part 1

Format	Color
Hex	6E7E8A
RGB	110, 126, 138
RGB Percent	43%, 49%, 54%
CMY	0.5686, 0.5059, 0.4588
CMYK	0.20, 0.09, 0.00, 0.46
HSL	206°, 11%, 49%
HSV	206°, 20%, 54%
XYZ	18.4787, 20.0717, 26.9450
YIQ	122.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

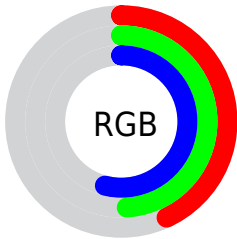
Format	Color
R_{YB}	110, 120, 138
Decimal	7241354
CIE _{Lab}	51.92, -3.10, -8.46
CIE _{LCh}	52, 9.013, 249.911
Yxy	20.0717, 0.2821, 0.3065
Android (android.graphics.Color)	4285431434 (0xFF6E7E8A)
YUV	122.5840, 7.6001, -11.0362
Hunter-Lab	44.8015, -4.7789, -4.2979

Details

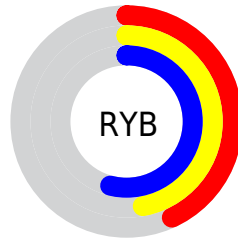
The XYZ color **18.4787, 20.0717, 26.9450** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2554, 20.4481, 17.6316**, and the grayscale version is **18.6693, 19.6416, 21.3897**.

A 20% lighter version of the original color is **40.4244, 43.6832, 55.5913**, and **6.4019, 7.0365, 10.2533** is the 20% darker color. If you saturate the color by 10%, you get **16.1598, 17.7872, 26.6266**, and if you desaturate by 10%, it is **21.1109, 22.5851, 27.2917**.

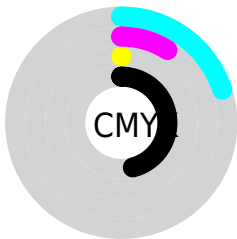
Distribution



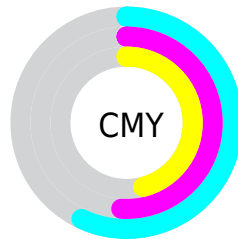
- Red (43%)
- Green (49%)
- Blue (54%)



- Red (43%)
- Yellow (47%)
- Blue (54%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)



- Cyan (57%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.4787, 20.0717, 26.9450 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 18.4787, 20.0717, 26.9450 by changing the saturation by 10% instead.

■ 18.4787, 20.0717,
26.9450

■ 18.4787, 20.0717,
26.9450

236.5493,
252.3030, 301.1425

■ 11.3960, 12.4472,
17.2998

■ 40.3751, 43.5374,
55.7983

■ 6.4031, 7.0490,
10.2843

■ 55.9194, 60.1473,
75.8435

■ 3.1347, 3.4928,
5.4798

■ 75.0150, 80.5211,
100.1924

■ 1.2254, 1.3941,
2.4678

■ 98.0272, 105.0433,
129.2637

■ 0.1263, 0.2124,
0.8230

125.3214,
134.0982, 163.4757

■ 0.0000, 0.0000,
0.0000

157.2629,

168.0702, 203.2472

194.2171,
207.3436, 248.9966

■ 18.4787, 20.0717,
26.9450

■ 18.4787, 20.0717,
26.9450

■ 16.1598, 17.7872,
26.6266

■ 21.1109, 22.5851,
27.2917

■ 14.1394, 15.7212,
26.3343

■ 24.0670, 25.3325,
27.6662

■ 12.4038, 13.8663,
26.0677

■ 27.3591, 28.3216,
28.0697

■ 10.9379, 12.2131,
25.8259

■ 30.9982, 31.5592,
28.5028

■ 9.7247, 10.7519,
25.6078

■ 34.9948, 35.0518,
28.9663

■ 8.7452, 9.4715,
25.4123

■ 39.3589, 38.8055,
29.4608

■ 7.9772, 8.3592,
25.2381

■ 44.1001, 42.8262,
29.9870

■ 7.3739, 7.4077,
25.0862

■ 49.2277, 47.1197,
30.5455

■ 54.7505, 51.6916,
31.1368

Harmonies

Analogous

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



17.7576, 20.0717, 25.2550



18.4787, 20.0717, 26.9450



19.3825, 20.0717, 27.2123

Triad

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



18.4787, 20.0717, 26.9450



20.8665, 20.0717, 20.9975



17.9692, 20.0717, 18.2079

Complementary

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



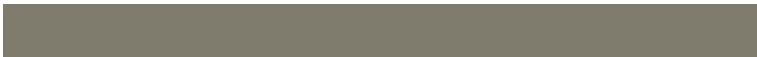
18.4787, 20.0717, 26.9450



20.2554, 20.4481, 17.6316

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.



18.7759, 20.0717, 17.2509



18.4787, 20.0717, 26.9450



20.4613, 20.0717, 18.7741

Square

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



18.4787, 20.0717, 26.9450



20.7807, 20.0717, 23.6342



19.6892, 20.0717, 17.4495



17.4701, 20.0717, 20.1668

Rectangle

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



18.4787, 20.0717, 26.9450



19.9698, 20.0717, 26.5273



19.6892, 20.0717, 17.4495



18.2123, 20.0717, 17.7657

Sweetspot

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



18.4793, 20.0725, 26.9455



39.3088, 41.7739, 48.3745



19.0115, 22.8892, 21.7207



8.7549, 9.3120, 10.8423



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.



18.4793, 20.0725, 26.9455



30.7800, 33.6314, 47.2524



16.8493, 16.8124, 26.4021



4.9963, 5.3355, 6.3724



6.7754, 6.8210, 23.0052



0.0596, 0.0744, 0.1577

Inverse Universe

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



19.8235, 18.0619, 22.1811



33.5891, 29.5800, 37.2624



22.0533, 24.0439, 18.2309



5.1448, 5.0933, 5.8507



10.9067, 5.4728, 7.2789



0.0798, 0.0393, 0.0871

Previews

White Background



This preview shows how the XYZ color 18.4787, 20.0717, 26.9450 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 18.4787, 20.0717, 26.9450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

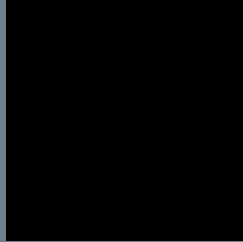
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

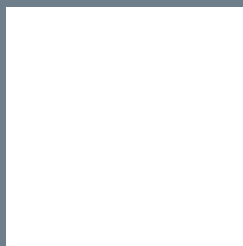
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.4787, 20.0717, 26.9450

Background



This preview shows how black text looks on a background with the XYZ color 18.4787, 20.0717, 26.9450.

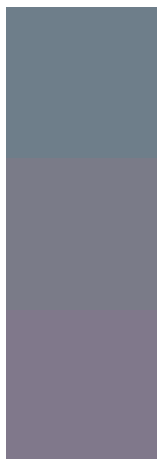


This preview shows how white text looks on a background with the XYZ color 18.4787, 20.0717,

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

18.4787, 20.0717, 26.9450

Protanopia

19.5529, 20.0811, 26.1380

Deuteranopia

20.2788, 19.8862, 27.1957



Tritanopia

18.3352, 20.0143, 26.1893

Trichromacy



Original Color

18.4787, 20.0717, 26.9450

Protanomaly

19.1942, 20.0730, 26.5297

Deuteranomaly

19.5049, 19.8481, 27.2291

Tritanomaly

18.4066, 20.0428, 26.5654

Monochromacy



Original Color

18.4787, 20.0717, 26.9450

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.5751, 19.8254, 23.2697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.4787, 20.0717, 26.9450 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, 126, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 126, 138)  
}
```

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, 126, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 126, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.4787, 20.0717, 26.9450 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, 126, 138) }
```


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

```
.border{ border-color:rgb(110, 126, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 126, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 126, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 126, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 126,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.4787, 20.0717, 26.9450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 126, 138) }
```

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

```
.background{ background-color: rgb(110,  
126, 138) }
```

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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