

Converting Colors

XYZ(18.2726, 18.4103, 26.8139)

Have a look what the booklet for
XYZ(18.2726, 18.4103, 26.8139)
contains.

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Color

**XYZ(18.1512, 18.2706,
26.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	74758A
RGB	116, 117, 138
RGB Percent	45%, 46%, 54%
CMY	0.5451, 0.5412, 0.4588
CMYK	0.16, 0.15, 0.00, 0.46
HSL	237°, 9%, 50%
HSV	237°, 16%, 54%
XYZ	18.1512, 18.2706, 26.6147
YIQ	119.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

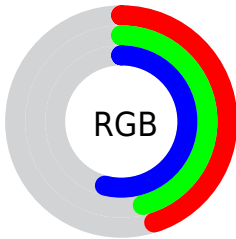
Format	Color
R_{YB}	116, 117, 138
Decimal	7632266
CIE _{Lab}	49.82, 4.22, -11.56
CIE _{LCh}	50, 12.307, 290.029
Yxy	18.2706, 0.2879, 0.2898
Android (android.graphics.Color)	4285822346 (0xFF74758A)
YUV	119.0950, 9.3202, -2.7143
Hunter-Lab	42.7441, 0.9974, -6.9961

Details

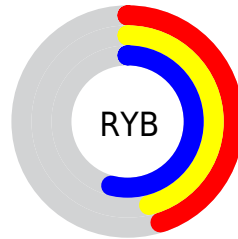
The XYZ color **18.1512, 18.2706, 26.6147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **22.5794, 24.5554, 20.0730**, and the grayscale version is **17.5382, 18.4516, 20.0937**.

A 20% lighter version of the original color is **39.7404, 40.4624, 55.0057**, and **6.2735, 6.1898, 10.0966** is the 20% darker color. If you saturate the color by 10%, you get **15.0232, 14.5382, 26.0594**, and if you desaturate by 10%, it is **21.7689, 22.5769, 27.2555**.

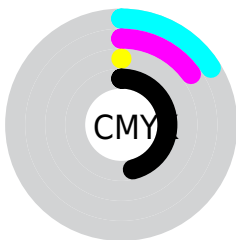
Distribution



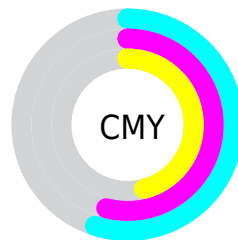
- Red (45%)
- Green (46%)
- Blue (54%)



- Red (45%)
- Yellow (46%)
- Blue (54%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (46%)



- Cyan (55%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.1512, 18.2706, 26.6147 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 18.1512, 18.2706, 26.6147 by changing the saturation by 10% instead.

■ 18.1512, 18.2706,
26.6147

■ 18.1512, 18.2706,
26.6147

234.7510,
242.3919, 299.4876

■ 11.1589, 11.1444,
17.0542

■ 39.8229, 40.4979,
55.2612

■ 6.2419, 6.1641,
10.1108

■ 55.2330, 56.3678,
75.1842

■ 3.0348, 2.9451,
5.3659

■ 74.1798, 75.9211,
99.3985

■ 1.1722, 1.1031,
2.4010

■ 97.0286, 99.5421,
128.3226

■ 0.0842, 0.0000,
0.7870

124.1447,
127.6153, 162.3750

■ 0.0000, 0.0000,
0.0000

155.8936,

160.5251, 201.9743

192.6406,
198.6558, 247.5390

■ 18.1512, 18.2706,
26.6147

■ 18.1512, 18.2706,
26.6147

■ 15.0232, 14.5382,
26.0594

■ 21.7689, 22.5769,
27.2555

■ 12.3621, 11.3534,
25.5850

■ 25.8941, 27.4775,
27.9840

■ 10.1462, 8.6911,
25.1879

■ 30.5462, 32.9947,
28.8037

■ 8.3510, 6.5233,
24.8641

■ 35.7427, 39.1488,
29.7177

■ 6.9500, 4.8197,
24.6091

■ 41.5004, 45.9593,
30.7288

■ 5.9134, 3.5461,
24.4179

■ 47.8355, 53.4448,
31.8398

■ 5.2073, 2.6643,
24.2849

■ 54.7635, 61.6232,
33.0532

■ 4.7846, 2.1252,
24.2031

■ 62.2991, 70.5116,
34.3717

■ 4.6557, 1.9714,
24.1802

■ 70.4568, 80.1267,
35.7976

Harmonies

Analogous

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



16.9773, 18.2706, 26.9729



18.1512, 18.2706, 26.6147



19.1557, 18.2706, 24.3475

Triad

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



18.1512, 18.2706, 26.6147



18.8582, 18.2706, 15.3344



15.2337, 18.2706, 18.7939

Complementary

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



18.1512, 18.2706, 26.6147



22.5794, 24.5554, 20.0730

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.



15.6907, 18.2706, 16.0189



18.1512, 18.2706, 26.6147



17.7599, 18.2706, 14.1759

Square

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



18.1512, 18.2706, 26.6147



19.5765, 18.2706, 17.7582



16.6031, 18.2706, 14.4115



15.3279, 18.2706, 22.1936

Rectangle

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



18.1512, 18.2706, 26.6147



19.5774, 18.2706, 22.1869



16.6031, 18.2706, 14.4115



15.3271, 18.2706, 17.7640

Sweetspot

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



18.1518, 18.2714, 26.6151



38.9433, 40.4757, 48.1432



20.7995, 23.6936, 27.1067



8.6416, 8.9677, 10.7818



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.



18.1518, 18.2714, 26.6151



29.9891, 29.8143, 46.5573



19.4226, 18.7542, 26.6413



4.7917, 4.9264, 6.3042



4.2716, 1.8135, 22.1706



0.0305, 0.0162, 0.1480

Inverse Universe

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



19.9380, 19.1788, 19.4816



33.7355, 31.7278, 31.5929



21.1583, 24.0352, 20.0475



5.0415, 5.0520, 5.3070



9.6429, 4.9673, 0.6239



0.0651, 0.0334, 0.0097

Previews

White Background



This preview shows how the XYZ color 18.1512, 18.2706, 26.6147 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 18.1512, 18.2706, 26.6147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

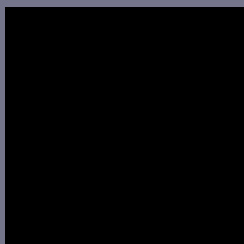
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.1512, 18.2706, 26.6147

Background



This preview shows how black text looks on a background with the XYZ color 18.1512, 18.2706, 26.6147.



This preview shows how white text looks on a background with the XYZ color 18.1512, 18.2706,

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

18.1512, 18.2706, 26.6147

Protanopia

17.8882, 18.1350, 26.6023

Deuteranopia

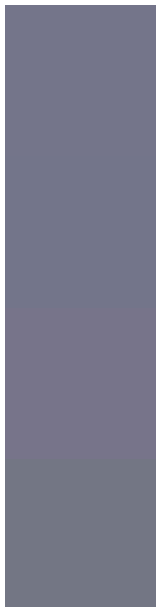
18.5786, 18.3188, 26.6014



Tritanopia

17.4325, 18.3296, 23.0412

Trichromacy



Original Color

18.1512, 18.2706, 26.6147

Protanomaly

18.0190, 18.2024, 26.6085

Deuteranomaly

18.4406, 18.2477, 26.5950

Tritanomaly

17.7135, 18.2676, 24.4222

Monochromacy



Original Color

18.1512, 18.2706, 26.6147

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

17.7155, 18.3148, 22.3401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.1512, 18.2706, 26.6147 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(116, 117, 138)` looks like.

```
.text, #text, p{  
    color:rgb(116, 117, 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(116, 117, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 117, 138) }
```

Border

The CSS property to change the border of an element to XYZ 18.1512, 18.2706, 26.6147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

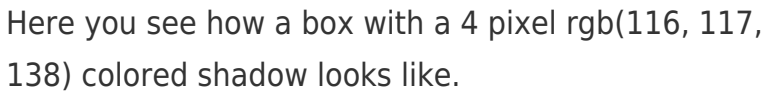
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 117, 138) }
```


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

```
.border{ border-color:rgb(116, 117, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 117, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 117, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 117, 138);  
box-shadow:4px 4px 4px 4px rgb(116, 117,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 18.1512, 18.2706, 26.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 117, 138) }
```

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

```
.background{ background-color: rgb(116,  
117, 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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