

Converting Colors

XYZ(17.2009, 17.9182, 26.5005)

Have a look what the booklet for
XYZ(17.2009, 17.9182, 26.5005)
contains.

XYZ(17.2502, 17.9800, 26.6061)	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(17.2502, 17.9800,
26.6061)**

Conversions

Conversions Part 1

Format	Color
Hex	6C768A
RGB	108, 118, 138
RGB Percent	42%, 46%, 54%
CMY	0.5765, 0.5372, 0.4588
CMYK	0.22, 0.14, 0.00, 0.46
HSL	220°, 12%, 48%
HSV	220°, 22%, 54%
XYZ	17.2502, 17.9800, 26.6061
YIQ	117.2900, -12.3800, 4.1000

Conversions

Conversions Part 2

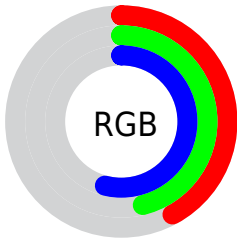
Format	Color
R_{YB}	108, 116, 138
Decimal	7108234
CIE _{Lab}	49.47, 0.88, -12.15
CIE _{LCh}	49, 12.186, 274.151
Yxy	17.9800, 0.2790, 0.2908
Android (android.graphics.Color)	4285298314 (0xFF6C768A)
YUV	117.2900, 10.2100, -8.1473
Hunter-Lab	42.4028, -1.5881, -7.5202

Details

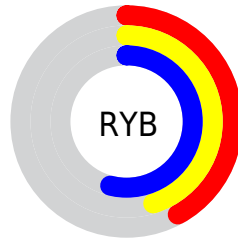
The XYZ color **17.2502, 17.9800, 26.6061** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9073, 21.9243, 17.3176**, and the grayscale version is **16.9709, 17.8548, 19.4438**.

A 20% lighter version of the original color is **38.2759, 39.9846, 54.9907**, and **5.8151, 6.0456, 10.0929** is the 20% darker color. If you saturate the color by 10%, you get **14.6719, 15.1207, 26.1904**, and if you desaturate by 10%, it is **20.2009, 21.1891, 27.0703**.

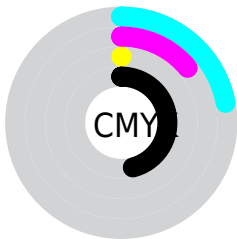
Distribution



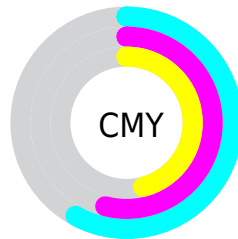
- Red (42%)
- Green (46%)
- Blue (54%)



- Red (42%)
- Yellow (45%)
- Blue (54%)



- Cyan (22%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (58%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2502, 17.9800, 26.6061 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 17.2502, 17.9800, 26.6061 by changing the saturation by 10% instead.

■ 17.2502, 17.9800,
26.6061

■ 17.2502, 17.9800,
26.6061

229.7383,
240.7583, 299.4444

■ 10.5094, 10.9356,
17.0478

■ 38.2956, 40.0032,
55.2472

■ 5.8029, 6.0236,
10.1063

■ 53.3310, 55.7509,
75.1670

■ 2.7651, 2.8594,
5.3629

■ 71.8620, 75.1685,
99.3778

■ 1.0308, 1.0588,
2.3993

■ 94.2540, 98.6403,
128.2980

■ 0.0000, 0.0000,
0.7861

120.8722,
126.5508, 162.3463

■ 0.0000, 0.0000,
0.0000

152.0821,

159.2844, 201.9410

188.2491,
197.2254, 247.5009

■ 17.2502, 17.9800,
26.6061

■ 17.2502, 17.9800,
26.6061

■ 14.6719, 15.1207,
26.1904

■ 20.2009, 21.1891,
27.0703

■ 12.4490, 12.5966,
25.8203

■ 23.5370, 24.7575,
27.5832

■ 10.5654, 10.3950,
25.4947

■ 27.2728, 28.6973,
28.1468

■ 9.0030, 8.5019,
25.2116

■ 31.4212, 33.0190,
28.7623

■ 7.7420, 6.9019,
24.9692

■ 35.9947, 37.7330,
29.4312

■ 6.7602, 5.5779,
24.7654

■ 41.0052, 42.8491,
30.1546

■ 6.0319, 4.5109,
24.5979

■ 46.4642, 48.3767,
30.9338

■ 5.5648, 3.7896,
24.4833

■ 52.3826, 54.3251,
31.7700

■ 58.7711, 60.7032,
32.6644

Harmonies

Analogous

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



16.1423, 17.9800, 25.8554



17.2502, 17.9800, 26.6061



18.3626, 17.9800, 25.3068

Triad

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



17.2502, 17.9800, 26.6061



18.9878, 17.9800, 16.2292



15.1735, 17.9800, 16.9409

Complementary

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



17.2502, 17.9800, 26.6061



20.9073, 21.9243, 17.3176

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.



15.8765, 17.9800, 14.7850



17.2502, 17.9800, 26.6061



18.0730, 17.9800, 14.4077

Square

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



17.2502, 17.9800, 26.6061



19.3939, 17.9800, 19.1218



16.9297, 17.9800, 13.9100



14.9752, 17.9800, 20.0397

Rectangle

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



17.2502, 17.9800, 26.6061



18.9474, 17.9800, 23.5301



16.9297, 17.9800, 13.9100



15.3571, 17.9800, 16.0938

Sweetspot

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



17.2508, 17.9807, 26.6065



38.2199, 40.1555, 48.1196



19.1366, 22.9108, 23.6639



8.5115, 8.9413, 10.7836



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.



17.2508, 17.9807, 26.6065



28.1374, 29.1901, 46.5344



16.6962, 16.0381, 26.2608



4.9021, 5.1470, 6.3410



5.1145, 3.4993, 22.4515



0.0464, 0.0481, 0.1533

Inverse Universe

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



19.1142, 17.4368, 19.4986



32.0492, 28.1755, 31.5850



21.5476, 24.2874, 17.7400



5.0972, 5.0743, 5.6002



10.0684, 5.1375, 2.8643



0.0732, 0.0366, 0.0520

Previews

White Background



This preview shows how the XYZ color 17.2502, 17.9800, 26.6061 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 17.2502, 17.9800, 26.6061 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

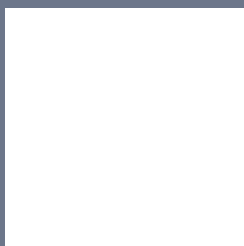
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2502, 17.9800, 26.6061

Background



This preview shows how black text looks on a background with the XYZ color 17.2502, 17.9800, 26.6061.



This preview shows how white text looks on a background with the XYZ color 17.2502, 17.9800,

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

17.2502, 17.9800, 26.6061

Protanopia

17.7002, 17.8743, 26.1841

Deuteranopia

18.3987, 18.0475, 26.9399



Tritanopia

16.6228, 18.0821, 23.3830

Trichromacy



Original Color

17.2502, 17.9800, 26.6061

Protanomaly

17.5587, 17.9735, 26.2107

Deuteranomaly

17.9758, 17.9997, 26.9530

Tritanomaly

16.8251, 17.9854, 24.4145

Monochromacy



Original Color

17.2502, 17.9800, 26.6061

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.0024, 17.7807, 21.9379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2502, 17.9800, 26.6061 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(108, 118, 138)` looks like.

```
.text, #text, p{  
    color:rgb(108, 118, 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(108, 118, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 118, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.2502, 17.9800, 26.6061 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(108, 118, 138) }
```


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

```
.border{ border-color:rgb(108, 118, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 118, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 118, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 118, 138);  
box-shadow:4px 4px 4px 4px rgb(108, 118,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2502, 17.9800, 26.6061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 118, 138) }
```

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

```
.background{ background-color: rgb(108,  
118, 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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