

Converting Colors

XYZ(15.0348, 17.2482, 26.8083)

Have a look what the booklet for
XYZ(15.0348, 17.2482, 26.8083)
contains.

XYZ(15.0328, 17.1818, 26.9502)	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(15.0328, 17.1818,
26.9502)**

Conversions

Conversions Part 1

Format	Color
Hex	54788B
RGB	84, 120, 139
RGB Percent	33%, 47%, 55%
CMY	0.6706, 0.5294, 0.4549
CMYK	0.40, 0.14, 0.00, 0.45
HSL	201°, 25%, 44%
HSV	201°, 40%, 55%
XYZ	15.0328, 17.1818, 26.9502
YIQ	111.4020, -27.5550, -1.7230

Conversions

Conversions Part 2

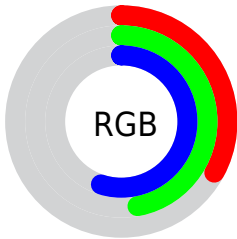
Format	Color
R_{YB}	84, 106, 139
Decimal	5535883
CIE _{Lab}	48.49, -7.57, -14.39
CIE _{LCh}	48, 16.256, 242.252
Y _{xy}	17.1818, 0.2541, 0.2904
Android (android.graphics.Color)	4283725963 (0xFF54788B)
Y_{UV}	111.4020, 13.6058, -24.0316
Hunter-Lab	41.4509, -7.8034, -9.5330

Details

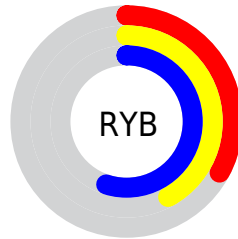
The XYZ color **15.0328, 17.1818, 26.9502** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.0983, 15.8299, 10.5423**, and the grayscale version is **15.1941, 15.9853, 17.4080**.

A 20% lighter version of the original color is **34.5315, 38.5895, 56.0806**, and **4.7802, 5.6961, 10.2987** is the 20% darker color. If you saturate the color by 10%, you get **13.3470, 15.4772, 26.7103**, and if you desaturate by 10%, it is **16.9955, 19.0729, 27.2121**.

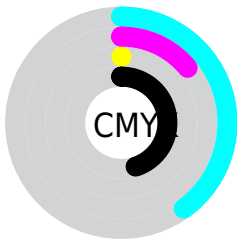
Distribution



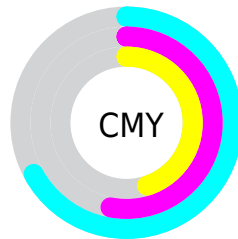
- Red (33%)
- Green (47%)
- Blue (55%)



- Red (33%)
- Yellow (42%)
- Blue (55%)



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0328, 17.1818, 26.9502 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 15.0328, 17.1818, 26.9502 by changing the saturation by 10% instead.

■ 15.0328, 17.1818,
26.9502

■ 15.0328, 17.1818,
26.9502

216.9491,
236.2179, 301.1685

■ 8.9289, 10.3642,
17.3037

■ 34.4819, 38.6381,
55.8067

■ 4.7516, 5.6411,
10.2870

■ 48.5578, 54.0456,
75.8538

■ 2.1355, 2.6281,
5.4816

■ 66.0217, 73.0851,
100.2049

■ 0.7084, 0.9408,
2.4689

■ 87.2390, 96.1411,
129.2784

■ 0.0000, 0.0000,
0.8236

■ 112.5750,
123.5980, 163.4930

■ 0.0000, 0.0000,
0.0000

142.3951,

155.8402, 203.2672

177.0647,
193.2520, 249.0195

■ 15.0328, 17.1818,
26.9502

■ 15.0328, 17.1818,
26.9502

■ 13.3470, 15.4772,
26.7103

■ 16.9955, 19.0729,
27.2121

■ 11.9215, 13.9488,
26.4905

■ 19.2475, 21.1564,
27.4955

■ 10.7401, 12.5880,
26.2901

■ 21.8021, 23.4401,
27.8017

■ 9.7841, 11.3844,
26.1081

■ 24.6715, 25.9308,
28.1312

■ 9.0315, 10.3261,
25.9435

■ 27.8670, 28.6351,
28.4848

■ 8.4253, 9.3831,
25.7934

■ 31.3996, 31.5590,
28.8630

■ 8.4000, 9.3436,
25.7872

■ 35.2793, 34.7084,
29.2664

■ 39.5162, 38.0889,
29.6956

■ 44.1197, 41.7059,
30.1511

Harmonies

Analogous

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



14.0256, 17.1818, 23.4374



15.0328, 17.1818, 26.9502



16.4436, 17.1818, 28.1635

Triad

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



15.0328, 17.1818, 26.9502



19.3643, 17.1818, 18.3875



14.8490, 17.1818, 12.5912

Complementary

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



15.0328, 17.1818, 26.9502



17.0983, 15.8299, 10.5423

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.



16.2185, 17.1818, 11.6483



15.0328, 17.1818, 26.9502



18.8757, 17.1818, 14.6620

Square

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



15.0328, 17.1818, 26.9502



19.0000, 17.1818, 22.7944



17.7014, 17.1818, 12.3452



13.9241, 17.1818, 15.1418

Rectangle

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



15.0328, 17.1818, 26.9502



17.4400, 17.1818, 27.3766



17.7014, 17.1818, 12.3452



15.2697, 17.1818, 12.0949

Sweetspot

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



15.0333, 17.1825, 26.9506



37.7563, 40.8389, 49.6357



15.3040, 21.3164, 15.9656



8.5806, 9.3041, 11.4231



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0333, 17.1825, 26.9506



24.3373, 28.1674, 47.8971



12.2458, 11.6074, 26.0214



5.0298, 5.4026, 6.3835



7.5976, 8.4656, 23.2793



0.0642, 0.0836, 0.1592

Inverse Universe

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



17.2084, 13.1862, 19.4082



28.8860, 20.4433, 31.9814



20.2085, 22.0504, 11.5790



5.1617, 5.1001, 5.9398



11.3217, 5.6388, 9.4646



0.0821, 0.0402, 0.0993

Previews

White Background



This preview shows how the XYZ color 15.0328, 17.1818, 26.9502 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 15.0328, 17.1818, 26.9502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

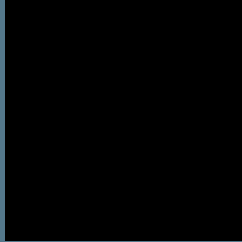
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.0328, 17.1818, 26.9502

Background



This preview shows how black text looks on a background with the XYZ color 15.0328, 17.1818, 26.9502.

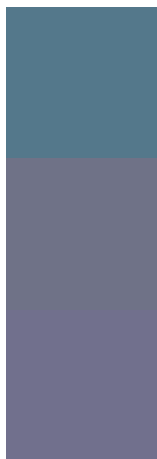


This preview shows how white text looks on a background with the XYZ color 15.0328, 17.1818,

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

15.0328, 17.1818, 26.9502

Protanopia

16.9460, 17.1634, 25.3414

Deuteranopia

17.4119, 17.0221, 27.5672



Tritanopia

14.4138, 17.1073, 24.0151

Trichromacy



Original Color

15.0328, 17.1818, 26.9502

Protanomaly

16.0562, 17.0351, 25.7344

Deuteranomaly

16.3438, 16.9797, 27.2269

Tritanomaly

14.7077, 17.2350, 25.1058

Monochromacy



Original Color

15.0328, 17.1818, 26.9502

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8353, 16.1818, 20.4307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0328, 17.1818, 26.9502 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(84, 120, 139)` looks like.

```
.text, #text, p{  
    color:rgb(84, 120, 139)  
}
```

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(84, 120, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 120, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.0328, 17.1818, 26.9502 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(84, 120, 139) }
```


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

```
.border{ border-color:rgb(84, 120, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 120, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 120, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 120, 139);  
box-shadow:4px 4px 4px 4px rgb(84, 120,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0328, 17.1818, 26.9502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 120, 139) }
```

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

```
.background{ background-color: rgb(84, 120,  
139) }
```

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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