

Converting Colors

XYZ(15.1472, 18.1484, 19.3922)

Have a look what the booklet for
XYZ(15.1472, 18.1484, 19.3922)
contains.

XYZ(15.1379, 18.1326, 19.5317)	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(15.1379, 18.1326,
19.5317)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7C75
RGB	95, 124, 117
RGB Percent	37%, 49%, 46%
CMY	0.6274, 0.5137, 0.5412
CMYK	0.23, 0.00, 0.06, 0.51
HSL	166°, 13%, 43%
HSV	166°, 23%, 49%
XYZ	15.1379, 18.1326, 19.5317
YIQ	114.5310, -15.0370, -8.3250

Conversions

Conversions Part 2

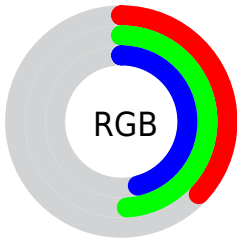
Format	Color
R_{YB}	95, 111, 124
Decimal	6257781
CIE _{Lab}	49.66, -11.98, 0.41
CIE _{LCh}	50, 11.982, 178.059
Yxy	18.1326, 0.2867, 0.3434
Android (android.graphics.Color)	4284447861 (0xFF5F7C75)
YUV	114.5310, 1.2172, -17.1287
Hunter-Lab	42.5824, -11.0630, 2.6125

Details

The XYZ color **15.1379, 18.1326, 19.5317** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **14.8034, 13.4294, 14.3832**, and the grayscale version is **16.1540, 16.9953, 18.5079**.

A 20% lighter version of the original color is **34.7376, 40.4198, 43.5071**, and **4.8092, 6.0902, 6.5523** is the 20% darker color. If you saturate the color by 10%, you get **13.7779, 17.4520, 18.5641**, and if you desaturate by 10%, it is **16.7097, 18.9227, 20.5394**.

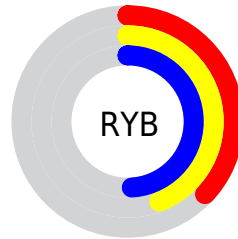
Distribution



Red (37%)

Green (49%)

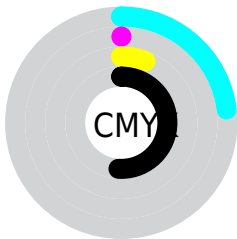
Blue (46%)



Red (37%)

Yellow (44%)

Blue (49%)

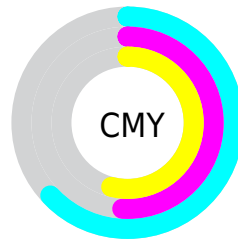


Cyan (23%)

Magenta (0%)

Yellow (6%)

Black (51%)



Cyan (63%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1379, 18.1326, 19.5317 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 15.1379, 18.1326, 19.5317 by changing the saturation by 10% instead.

■ 15.1379, 18.1326,
19.5317

■ 15.1379, 18.1326,
19.5317

217.5712,
241.6174, 261.8884

■ 9.0032, 11.0452,
11.8744

■ 34.6646, 40.2631,
43.4792

■ 4.8004, 6.0973,
6.5367

■ 48.7873, 56.0751,
60.6066

■ 2.1642, 2.9043,
3.1001

■ 66.3033, 75.5641,
81.7276

■ 0.7237, 1.0820,
1.1460

■ 87.5780, 99.1144,
107.2610

■ 0.0000, 0.0000,
0.0000

112.9768,
127.1105, 137.6253

142.8651,

159.9368, 173.2389

177.6081,
197.9776, 214.5204

■ 15.1379, 18.1326,
19.5317

■ 15.1379, 18.1326,
19.5317

■ 13.7779, 17.4520,
18.5641

■ 16.7097, 18.9227,
20.5394

■ 12.6183, 16.8736,
17.6346

■ 18.5007, 19.8247,
21.5866

■ 11.6492, 16.3927,
16.7429

■ 20.5202, 20.8438,
22.6744

■ 10.8590, 16.0035,
15.8881

■ 22.7760, 21.9840,
23.8035

■ 10.2350, 15.6993,
15.0694

■ 25.2760, 23.2495,
24.9745

■ 9.7628, 15.4727,
14.2859

■ 28.0275, 24.6439,
26.1879

■ 9.4240, 15.3142,
13.5362

■ 31.0374, 26.1709,
27.4444

■ 9.2313, 15.2253,
13.0571

■ 34.3126, 27.8340,
28.7444

■ 37.8595, 29.6364,
30.0887

Harmonies

Analogous

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



15.4428, 18.1326, 16.6087



15.1379, 18.1326, 19.5317



15.3739, 18.1326, 22.8416

Triad

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



15.1379, 18.1326, 19.5317



18.2848, 18.1326, 25.8088



18.4188, 18.1326, 14.8867

Complementary

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



15.1379, 18.1326, 19.5317



14.8034, 13.4294, 14.3832

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.



19.2394, 18.1326, 16.9387



15.1379, 18.1326, 19.5317



19.1597, 18.1326, 23.2494

Square

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



15.1379, 18.1326, 19.5317



17.1604, 18.1326, 26.6954



19.5162, 18.1326, 19.9565



17.3088, 18.1326, 14.1169

Rectangle

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



15.1379, 18.1326, 19.5317



15.8124, 18.1326, 24.7836



19.5162, 18.1326, 19.9565



18.7394, 18.1326, 15.4374

Sweetspot

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



15.1384, 18.1333, 19.5321



31.3181, 34.2616, 37.2809



14.7817, 18.0818, 13.5379



7.3434, 8.0527, 8.7613



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.1384, 18.1333, 19.5321



25.3303, 31.2531, 33.4629



14.6902, 16.5533, 21.4905



4.0677, 4.4967, 4.8902



9.3830, 15.4769, 13.2676



44.4110, 73.6874, 61.4617

Inverse Universe

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



14.8034, 13.4294, 14.3832



24.6348, 21.4752, 22.7645



15.1544, 14.6639, 12.8585



4.0343, 4.0295, 4.3784



8.6866, 4.4508, 1.6408



41.1490, 21.1159, 6.3148

Previews

White Background



This preview shows how the XYZ color 15.1379, 18.1326, 19.5317 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 15.1379, 18.1326, 19.5317 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

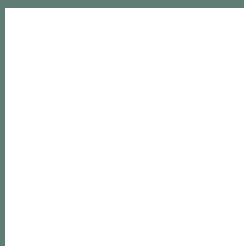
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1379, 18.1326, 19.5317

Background



This preview shows how black text looks on a background with the XYZ color 15.1379, 18.1326, 19.5317.

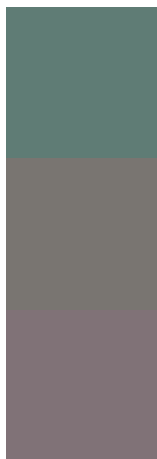


This preview shows how white text looks on a background with the XYZ color 15.1379, 18.1326,

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

15.1379, 18.1326, 19.5317

Protanopia

17.2271, 17.9798, 18.1853

Deuteranopia

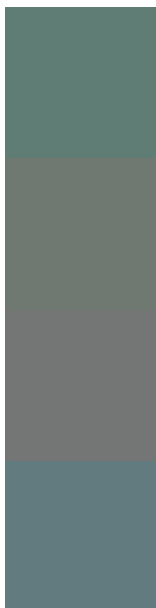
18.2492, 17.9557, 19.9567



Tritanopia

16.1614, 18.1817, 24.4874

Trichromacy



Original Color

15.1379, 18.1326, 19.5317

Protanomaly

16.4358, 18.0926, 18.5455

Deuteranomaly

16.9509, 17.9779, 19.7162

Tritanomaly

15.8435, 18.2396, 22.7642

Monochromacy



Original Color

15.1379, 18.1326, 19.5317

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8152, 17.4060, 19.0491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1379, 18.1326, 19.5317 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(95, 124, 117) looks like.

```
.text, #text, p{  
    color:rgb(95, 124, 117)  
}
```

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(95, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 124, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.1379, 18.1326, 19.5317 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(95, 124, 117) }
```


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

```
.border{ border-color:rgb(95, 124, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 124, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(95, 124,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1379, 18.1326, 19.5317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 124, 117) }
```

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

```
.background{ background-color: rgb(95, 124,  
117) }
```

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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