

Converting Colors

XYZ(17.4341, 19.3274, 27.6226)

Have a look what the booklet for
XYZ(17.4341, 19.3274, 27.6226)
contains.

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Color

**XYZ(17.4341, 19.3274,
27.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	657D8C
RGB	101, 125, 140
RGB Percent	40%, 49%, 55%
CMY	0.6039, 0.5098, 0.4510
CMYK	0.28, 0.11, 0.00, 0.45
HSL	203°, 16%, 47%
HSV	203°, 28%, 55%
XYZ	17.4341, 19.3274, 27.6226
YIQ	119.5340, -19.1190, -0.4230

Conversions

Conversions Part 2

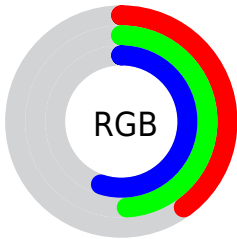
Format	Color
R_{YB}	101, 116, 140
Decimal	6651276
CIE _{Lab}	51.07, -5.00, -10.97
CIE _{LCh}	51, 12.058, 245.524
Yxy	19.3274, 0.2708, 0.3002
Android (android.graphics.Color)	4284841356 (0xFF657D8C)
YUV	119.5340, 10.0897, -16.2543
Hunter-Lab	43.9629, -6.1485, -6.4788

Details

The XYZ color **17.4341, 19.3274, 27.6226** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4099, 19.0060, 14.9580**, and the grayscale version is **17.6778, 18.5984, 20.2536**.

A 20% lighter version of the original color is **38.7949, 42.5081, 57.1991**, and **5.8981, 6.6640, 10.6483** is the 20% darker color. If you saturate the color by 10%, you get **15.3350, 17.2611, 27.3347**, and if you desaturate by 10%, it is **19.8384, 21.6068, 27.9362**.

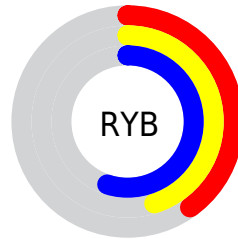
Distribution



Red (40%)

Green (49%)

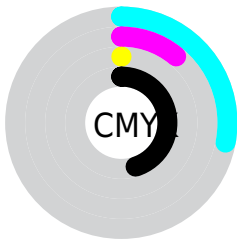
Blue (55%)



Red (40%)

Yellow (45%)

Blue (55%)

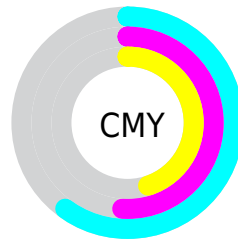


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4341, 19.3274, 27.6226 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 17.4341, 19.3274, 27.6226 by changing the saturation by 10% instead.

■ 17.4341, 19.3274,
27.6226

■ 17.4341, 19.3274,
27.6226

230.7695,
248.2503, 304.5141

■ 10.6417, 11.9071,
17.8048

■ 38.6083, 42.2866,
56.8972

■ 5.8920, 6.6804,
10.6419

■ 53.7209, 58.5943,
77.1910

■ 2.8195, 3.2631,
5.7155

■ 72.3375, 78.6332,
101.8140

■ 1.0591, 1.2706,
2.6069

■ 94.8236, 102.7878,
131.1846

■ 0.0000, 0.1182,
0.8960

121.5445,
131.4424, 165.7213

■ 0.0000, 0.0000,
0.0000

152.8655,

164.9814, 205.8428

189.1521,
203.7892, 251.9676

■ 17.4341, 19.3274,
27.6226

■ 17.4341, 19.3274,
27.6226

■ 15.3350, 17.2611,
27.3347

■ 19.8384, 21.6068,
27.9362

■ 13.5252, 15.3975,
27.0704

■ 22.5592, 24.1046,
28.2749

■ 11.9901, 13.7286,
26.8292

■ 25.6096, 26.8289,
28.6400

■ 10.7127, 12.2448,
26.6101

■ 29.0010, 29.7863,
29.0320

■ 9.6741, 10.9354,
26.4121

■ 32.7447, 32.9833,
29.4518

■ 8.8527, 9.7883,
26.2340

■ 36.8510, 36.4263,
29.9000

■ 8.2049, 8.7801,
26.0735

■ 41.3301, 40.1211,
30.3770

■ 8.0742, 8.5744,
26.0407

■ 46.1918, 44.0734,
30.8837

■ 51.4451, 48.2888,
31.4205

Harmonies

Analogous

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



16.5621, 19.3274, 25.1059



17.4341, 19.3274, 27.6226



18.5923, 19.3274, 28.3007

Triad

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



17.4341, 19.3274, 27.6226



20.7544, 19.3274, 20.4169



17.0666, 19.3274, 16.1281

Complementary

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



17.4341, 19.3274, 27.6226



19.4099, 19.0060, 14.9580

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.



18.1497, 19.3274, 15.1481



17.4341, 19.3274, 27.6226



20.3052, 19.3274, 17.4461

Square

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



17.4341, 19.3274, 27.6226



20.5427, 19.3274, 23.8913



19.3390, 19.3274, 15.6032



16.3564, 19.3274, 18.4329

Rectangle

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



17.4341, 19.3274, 27.6226



19.3785, 19.3274, 27.5616



19.3390, 19.3274, 15.6032



17.3973, 19.3274, 15.6449

Sweetspot

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



17.4347, 19.3282, 27.6230



39.6139, 42.3536, 49.8301



17.8948, 22.7830, 19.9627



8.9688, 9.6148, 11.4626



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.



17.4347, 19.3282, 27.6230



28.5126, 31.9036, 48.3982



15.2087, 14.8763, 26.8811



5.0140, 5.3709, 6.3783



7.1936, 7.6575, 23.1446



0.0620, 0.0793, 0.1585

Inverse Universe

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



19.1711, 16.3640, 21.5510



32.1199, 26.0496, 35.7156



21.8914, 23.9692, 15.7852



5.1537, 5.0969, 5.8977



11.1178, 5.5572, 8.3906



0.0810, 0.0398, 0.0935

Previews

White Background



This preview shows how the XYZ color 17.4341, 19.3274, 27.6226 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 17.4341, 19.3274, 27.6226 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

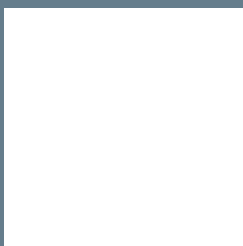
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4341, 19.3274, 27.6226

Background



This preview shows how black text looks on a background with the XYZ color 17.4341, 19.3274, 27.6226.



This preview shows how white text looks on a background with the XYZ color 17.4341, 19.3274,

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

17.4341, 19.3274, 27.6226

Protanopia

18.8396, 19.1610, 26.3724

Deuteranopia

19.5983, 19.1650, 27.8656



Tritanopia

17.1603, 19.4086, 26.1343

Trichromacy



Original Color

17.4341, 19.3274, 27.6226

Protanomaly

18.2291, 19.1988, 26.7897

Deuteranomaly

18.8475, 19.3108, 27.9333

Tritanomaly

17.2317, 19.4372, 26.5105

Monochromacy



Original Color

17.4341, 19.3274, 27.6226

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.6004, 18.9621, 22.8111

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4341, 19.3274, 27.6226 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(101, 125, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 125, 140)  
}
```

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(101, 125, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 125, 140) }
```

Border

The CSS property to change the border of an element to XYZ 17.4341, 19.3274, 27.6226 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(101, 125, 140) }
```


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

```
.border{ border-color:rgb(101, 125, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 125, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 125, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 125, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 125,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4341, 19.3274, 27.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 125, 140) }
```

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

```
.background{ background-color: rgb(101,  
125, 140) }
```

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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