

Converting Colors

XYZ(17.5345, 19.4257, 27.4039)

Have a look what the booklet for
XYZ(17.5345, 19.4257, 27.4039)
contains.

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Color

**XYZ(17.4733, 19.3561,
27.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	667D8B
RGB	102, 125, 139
RGB Percent	40%, 49%, 55%
CMY	0.6000, 0.5098, 0.4549
CMYK	0.27, 0.10, 0.00, 0.45
HSL	203°, 15%, 47%
HSV	203°, 27%, 55%
XYZ	17.4733, 19.3561, 27.2413
YIQ	119.7190, -18.2020, -0.5220

Conversions

Conversions Part 2

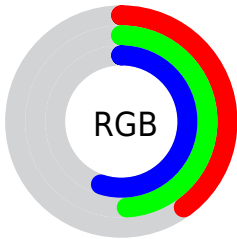
Format	Color
R _{YB}	102, 116, 139
Decimal	6716811
CIE Lab	51.10, -4.93, -10.33
CIE LCh	51, 11.446, 244.509
Yxy	19.3561, 0.2727, 0.3021
Android (android.graphics.Color)	4284906891 (0xFF667D8B)
YUV	119.7190, 9.5055, -15.5396
Hunter-Lab	43.9956, -6.0991, -5.9145

Details

The XYZ color **17.4733, 19.3561, 27.2413** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.2914, 18.9392, 15.2096**, and the grayscale version is **17.7382, 18.6619, 20.3229**.

A 20% lighter version of the original color is **38.7612, 42.5166, 56.0328**, and **5.9089, 6.6744, 10.4281** is the 20% darker color. If you saturate the color by 10%, you get **15.3801, 17.3151, 26.9580**, and if you desaturate by 10%, it is **19.8671, 21.6053, 27.5496**.

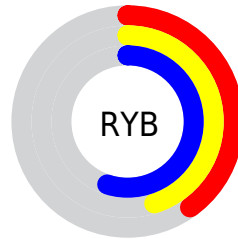
Distribution



Red (40%)

Green (49%)

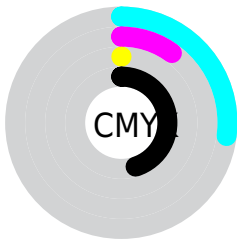
Blue (55%)



Red (40%)

Yellow (45%)

Blue (55%)

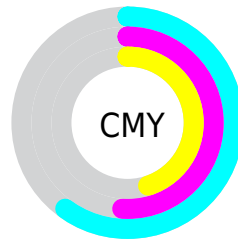


Cyan (27%)

Magenta (10%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (51%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4733, 19.3561, 27.2413 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 17.4733, 19.3561, 27.2413 by changing the saturation by 10% instead.

■ 17.4733, 19.3561,
27.2413

■ 17.4733, 19.3561,
27.2413

230.9887,
248.4076, 302.6206

■ 10.6699, 11.9279,
17.5205

■ 38.6749, 42.3350,
56.2793

■ 5.9110, 6.6946,
10.4404

■ 53.8039, 58.6544,
76.4335

■ 2.8312, 3.2718,
5.5825

■ 72.4387, 78.7063,
100.9026

■ 1.0651, 1.2752,
2.5283

■ 94.9448, 102.8752,
130.1052

■ 0.0000, 0.1219,
0.8551

121.6875,
131.5453, 164.4598

■ 0.0000, 0.0000,
0.0000

153.0321,

165.1012, 204.3848

189.3441,
203.9272, 250.2989

■ 17.4733, 19.3561,
27.2413

■ 17.4733, 19.3561,
27.2413

■ 15.3801, 17.3151,
26.9580

■ 19.8671, 21.6053,
27.5496

■ 13.5720, 15.4722,
26.6976

■ 22.5726, 24.0678,
27.8823

■ 12.0348, 13.8197,
26.4596

■ 25.6023, 26.7514,
28.2406

■ 10.7521, 12.3483,
26.2432

■ 28.9675, 29.6625,
28.6252

■ 9.7058, 11.0477,
26.0473

■ 32.6790, 32.8076,
29.0366

■ 8.8750, 9.9063,
25.8708

■ 36.7471, 36.1926,
29.4755

■ 8.2245, 8.9051,
25.7118

■ 41.1816, 39.8232,
29.9426

■ 8.0210, 8.5856,
25.6609

■ 45.9919, 43.7052,
30.4384

■ 51.1872, 47.8437,
30.9634

Harmonies

Analogous

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



16.6556, 19.3561, 24.8218



17.4733, 19.3561, 27.2413



18.5697, 19.3561, 27.9469

Triad

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



17.4733, 19.3561, 27.2413



20.6619, 19.3561, 20.5875



17.1875, 19.3561, 16.3296

Complementary

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



17.4733, 19.3561, 27.2413



19.2914, 18.9392, 15.2096

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.



18.2262, 19.3561, 15.4343



17.4733, 19.3561, 27.2413



20.2566, 19.3561, 17.7265

Square

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



17.4733, 19.3561, 27.2413



20.4403, 19.3561, 23.8839



19.3535, 19.3561, 15.9182



16.4954, 19.3561, 18.4964

Rectangle

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



17.4733, 19.3561, 27.2413



19.3185, 19.3561, 27.2951



19.3535, 19.3561, 15.9182



17.5061, 19.3561, 15.8807

Sweetspot

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



17.4739, 19.3569, 27.2417



39.6316, 42.3889, 49.8360



17.8397, 22.5413, 19.8022



8.9735, 9.6242, 11.4641



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.



17.4739, 19.3569, 27.2417



28.9509, 32.3988, 48.4707



15.3908, 15.1908, 26.5474



5.0165, 5.3759, 6.3791



7.2560, 7.7824, 23.1654



0.0624, 0.0800, 0.1586

Inverse Universe

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



19.1010, 16.4728, 21.5758



32.4342, 26.5318, 36.2720



21.5804, 23.5173, 15.9727



5.1550, 5.0974, 5.9044



11.1493, 5.5698, 8.5566



0.0812, 0.0399, 0.0945

Previews

White Background



This preview shows how the XYZ color 17.4733, 19.3561, 27.2413 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 17.4733, 19.3561, 27.2413 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

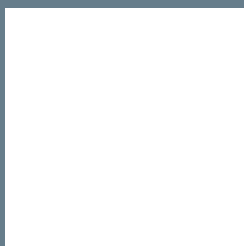
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.4733, 19.3561, 27.2413

Background



This preview shows how black text looks on a background with the XYZ color 17.4733, 19.3561, 27.2413.



This preview shows how white text looks on a background with the XYZ color 17.4733, 19.3561,

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

17.4733, 19.3561, 27.2413

Protanopia

18.8891, 19.3743, 26.0366

Deuteranopia

19.5242, 19.1354, 27.4754



Tritanopia

17.2716, 19.4660, 26.1396

Trichromacy



Original Color

17.4733, 19.3561, 27.2413

Protanomaly

18.2849, 19.2359, 26.4161

Deuteranomaly

18.7735, 19.2812, 27.5431

Tritanomaly

17.3430, 19.4946, 26.5157

Monochromacy



Original Color

17.4733, 19.3561, 27.2413

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 17.4733, 19.3561, 27.2413 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(102, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(102, 125, 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(102, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 17.4733, 19.3561, 27.2413 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(102, 125, 139) }
```


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

```
.border{ border-color:rgb(102, 125, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 125, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 125, 139);  
box-shadow:4px 4px 4px 4px rgb(102, 125,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4733, 19.3561, 27.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 125, 139) }
```

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

```
.background{ background-color: rgb(102,  
125, 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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