

Converting Colors

XYZ(16.2196, 17.5314, 27.4369)

Have a look what the booklet for
XYZ(16.2196, 17.5314, 27.4369)
contains.

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Color

**XYZ(16.2602, 17.6285,
27.3566)**

Conversions

Conversions Part 1

Format	Color
Hex	61778C
RGB	97, 119, 140
RGB Percent	38%, 47%, 55%
CMY	0.6196, 0.5333, 0.4510
CMYK	0.31, 0.15, 0.00, 0.45
HSL	209°, 18%, 46%
HSV	209°, 31%, 55%
XYZ	16.2602, 17.6285, 27.3566
YIQ	114.8160, -19.8530, 1.8670

Conversions

Conversions Part 2

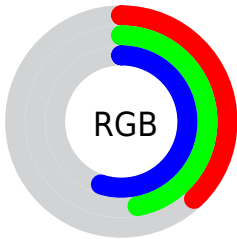
Format	Color
R_{YB}	97, 112, 140
Decimal	6387596
CIE Lab	49.04, -2.79, -14.06
CIE LCh	49, 14.333, 258.778
Yxy	17.6285, 0.2655, 0.2878
Android (android.graphics.Color)	4284577676 (0xFF61778C)
YUV	114.8160, 12.4157, -15.6246
Hunter-Lab	41.9863, -4.3477, -9.2406

Details

The XYZ color **16.2602, 17.6285, 27.3566** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4515, 19.3955, 14.0282**, and the grayscale version is **16.2083, 17.0524, 18.5701**.

A 20% lighter version of the original color is **36.6949, 39.4104, 56.7119**, and **5.3653, 5.8976, 10.5284** is the 20% darker color. If you saturate the color by 10%, you get **14.1136, 15.3575, 27.0317**, and if you desaturate by 10%, it is **18.7298, 20.1537, 27.7142**.

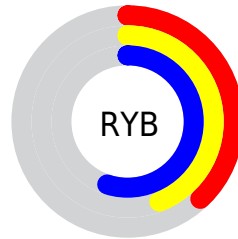
Distribution



Red (38%)

Green (47%)

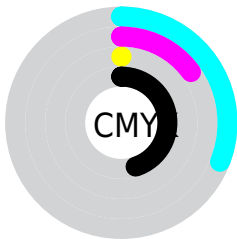
Blue (55%)



Red (38%)

Yellow (44%)

Blue (55%)

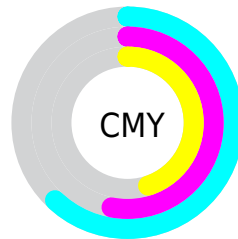


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2602, 17.6285, 27.3566 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 16.2602, 17.6285, 27.3566 by changing the saturation by 10% instead.

■ 16.2602, 17.6285,
27.3566

■ 16.2602, 17.6285,
27.3566

224.1126,
238.7687, 303.1942

■ 9.8005, 10.6836,
17.6064

■ 36.6031, 39.4033,
56.4662

■ 5.3281, 5.8545,
10.5013

■ 51.2171, 55.0019,
76.6628

■ 2.4778, 2.7568,
5.6226

■ 69.2798, 74.2540,
101.1785

■ 0.8841, 1.0061,
2.5520

■ 91.1567, 97.5438,
130.4320

■ 0.0000, 0.0000,
0.8675

117.2130,
125.2558, 164.8418

■ 0.0000, 0.0000,
0.0000

147.8142,

157.7743, 204.8264

183.3256,
195.4838, 250.8043

■ 16.2602, 17.6285,
27.3566

■ 16.2602, 17.6285,
27.3566

■ 14.1136, 15.3575,
27.0317

■ 18.7298, 20.1537,
27.7142

■ 12.2732, 13.3290,
26.7372

■ 21.5347, 22.9401,
28.1041

■ 10.7232, 11.5335,
26.4723

■ 24.6885, 25.9968,
28.5279

■ 9.4455, 9.9596,
26.2358

■ 28.2038, 29.3318,
28.9864

■ 8.4199, 8.5949,
26.0265

■ 32.0923, 32.9528,
29.4803

■ 7.6228, 7.4252,
25.8427

■ 36.3651, 36.8673,
30.0107

■ 7.0274, 6.4808,
25.6918

■ 41.0331, 41.0822,
30.5782

■ 46.1065, 45.6044,
31.1837

■ 51.5951, 50.4404,
31.8279

Harmonies

Analogous

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



15.1183, 17.6285, 25.2796



16.2602, 17.6285, 27.3566



17.5963, 17.6285, 27.0399

Triad

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



16.2602, 17.6285, 27.3566



19.3081, 17.6285, 16.9214



14.8958, 17.6285, 14.7414

Complementary

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



16.2602, 17.6285, 27.3566



19.4515, 19.3955, 14.0282

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.



15.9416, 17.6285, 13.0354



16.2602, 17.6285, 27.3566



18.5066, 17.6285, 14.1737

Square

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



16.2602, 17.6285, 27.3566



19.4046, 17.6285, 20.6627



17.2605, 17.6285, 12.8424



14.3589, 17.6285, 17.7975

Rectangle

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



16.2602, 17.6285, 27.3566



18.4170, 17.6285, 25.5228



17.2605, 17.6285, 12.8424



15.1968, 17.6285, 14.0095

Sweetspot

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



16.2608, 17.6292, 27.3570



38.7732, 41.2341, 49.6584



17.5654, 22.6008, 20.5091



8.7744, 9.3449, 11.4207



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.



16.2608, 17.6292, 27.3570



25.9358, 28.2054, 47.8202



14.0050, 13.1177, 26.6051



4.9724, 5.2877, 6.3644



6.2639, 5.7980, 22.8347



0.0563, 0.0678, 0.1566

Inverse Universe

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



18.4201, 15.4572, 19.4662



30.4640, 24.0271, 31.1890



22.2469, 24.9863, 14.9600



5.1327, 5.0885, 5.7871



10.6485, 5.3695, 5.9194



0.0781, 0.0386, 0.0783

Previews

White Background



This preview shows how the XYZ color 16.2602, 17.6285, 27.3566 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 16.2602, 17.6285, 27.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

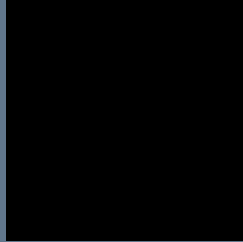
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

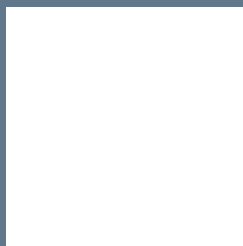
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2602, 17.6285, 27.3566

Background



This preview shows how black text looks on a background with the XYZ color 16.2602, 17.6285, 27.3566.



This preview shows how white text looks on a background with the XYZ color 16.2602, 17.6285,

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

16.2602, 17.6285, 27.3566

Protanopia

17.3282, 17.5124, 26.1338

Deuteranopia

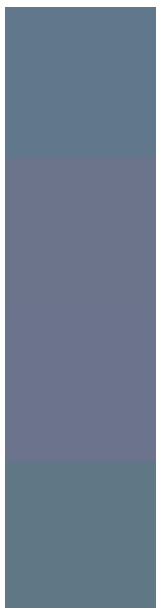
17.8953, 17.6026, 27.6538



Tritanopia

15.5860, 17.7193, 23.7178

Trichromacy



Original Color

16.2602, 17.6285, 27.3566

Protanomaly

16.8962, 17.4516, 26.5227

Deuteranomaly

17.2375, 17.6020, 27.6883

Tritanomaly

15.8434, 17.6410, 25.1243

Monochromacy



Original Color

16.2602, 17.6285, 27.3566

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0678, 17.1342, 21.5291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2602, 17.6285, 27.3566 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(97, 119, 140)` looks like.

```
.text, #text, p{  
    color:rgb(97, 119, 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(97, 119, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 119, 140) }
```

Border

The CSS property to change the border of an element to XYZ 16.2602, 17.6285, 27.3566 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(97, 119, 140) }
```


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

```
.border{ border-color:rgb(97, 119, 140) }
```

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

Here you see how a box with a 4 pixel rgb(97, 119, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 119, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 119, 140);  
box-shadow:4px 4px 4px 4px rgb(97, 119,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2602, 17.6285, 27.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 119, 140) }
```

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

```
.background{ background-color: rgb(97, 119,  
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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