

Converting Colors

XYZ(16.2068, 17.3048, 27.3937)

Have a look what the booklet for
XYZ(16.2068, 17.3048, 27.3937)
contains.

XYZ(16.1319, 17.2127, 27.2831)	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(16.1319, 17.2127,
27.2831)**

Conversions

Conversions Part 1

Format	Color
Hex	62758C
RGB	98, 117, 140
RGB Percent	38%, 46%, 55%
CMY	0.6157, 0.5412, 0.4510
CMYK	0.30, 0.16, 0.00, 0.45
HSL	213°, 18%, 47%
HSV	213°, 30%, 55%
XYZ	16.1319, 17.2127, 27.2831
YIQ	113.9410, -18.7070, 3.1250

Conversions

Conversions Part 2

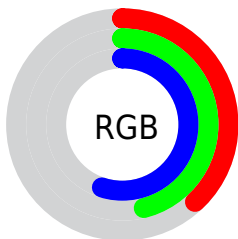
Format	Color
R_{YB}	98, 111, 140
Decimal	6452620
CIE Lab	48.53, -1.30, -14.83
CIE LCh	49, 14.892, 264.994
Yxy	17.2127, 0.2661, 0.2839
Android (android.graphics.Color)	4284642700 (0xFF62758C)
YUV	113.9410, 12.8471, -13.9803
Hunter-Lab	41.4882, -3.1980, -9.9480

Details

The XYZ color **16.1319, 17.2127, 27.2831** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8574, 20.1322, 14.3950**, and the grayscale version is **15.9437, 16.7740, 18.2669**.

A 20% lighter version of the original color is **36.5032, 38.7550, 56.5955**, and **5.2890, 5.6725, 10.4890** is the 20% darker color. If you saturate the color by 10%, you get **13.8945, 14.7875, 26.9332**, and if you desaturate by 10%, it is **18.7078, 19.9218, 27.6705**.

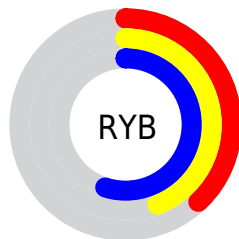
Distribution



Red (38%)

Green (46%)

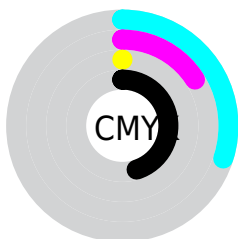
Blue (55%)



Red (38%)

Yellow (44%)

Blue (55%)

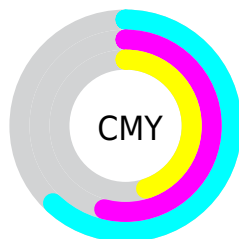


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (54%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1319, 17.2127, 27.2831 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 16.1319, 17.2127, 27.2831 by changing the saturation by 10% instead.

■ 16.1319, 17.2127,
27.2831

■ 16.1319, 17.2127,
27.2831

223.3739,
236.3951, 302.8287

■ 9.7090, 10.3863,
17.5516

■ 36.3826, 38.6911,
56.3471

■ 5.2672, 5.6558,
10.4625

■ 50.9412, 54.1119,
76.5167

■ 2.4412, 2.6369,
5.5971

■ 68.9423, 73.1662,
101.0027

■ 0.8657, 0.9453,
2.5369

■ 90.7513, 96.2385,
130.2237

■ 0.0000, 0.0000,
0.8596

116.7336,
123.7131, 164.5983

■ 0.0000, 0.0000,
0.0000

147.2546,

155.9745, 204.5450

182.6796,
193.4071, 250.4822

■ 16.1319, 17.2127,
27.2831

■ 16.1319, 17.2127,
27.2831

■ 13.8945, 14.7875,
26.9332

■ 18.7078, 19.9218,
27.6705

■ 11.9786, 12.6336,
26.6184

■ 21.6349, 22.9228,
28.0955

■ 10.3677, 10.7403,
26.3379

■ 24.9275, 26.2257,
28.5595

■ 9.0434, 9.0953,
26.0902

■ 28.5984, 29.8394,
29.0635

■ 7.9849, 7.6850,
25.8737

■ 32.6596, 33.7726,
29.6087

■ 7.1683, 6.4939,
25.6869

■ 37.1229, 38.0334,
30.1958

■ 6.5300, 5.4861,
25.5260

■ 41.9993, 42.6296,
30.8260

■ 6.5299, 5.4860,
25.5260

■ 47.2994, 47.5689,
31.5000

■ 53.0337, 52.8587,
32.2188

Harmonies

Analogous

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



14.8985, 17.2127, 25.6067



16.1319, 17.2127, 27.2831



17.4958, 17.2127, 26.4239

Triad

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



16.1319, 17.2127, 27.2831



18.8594, 17.2127, 15.7383



14.3007, 17.2127, 14.7473

Complementary

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



16.1319, 17.2127, 27.2831



19.8574, 20.1322, 14.3950

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.



15.2748, 17.2127, 12.7146



16.1319, 17.2127, 27.2831



17.9144, 17.2127, 13.2284

Square

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



16.1319, 17.2127, 27.2831



19.1201, 17.2127, 19.4062



16.5906, 17.2127, 12.1997



13.8795, 17.2127, 18.0926

Rectangle

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



16.1319, 17.2127, 27.2831



18.2893, 17.2127, 24.5837



16.5906, 17.2127, 12.1997



14.5716, 17.2127, 13.9074

Sweetspot

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



16.1324, 17.2134, 27.2835



38.5886, 40.8649, 49.5968



17.8300, 22.7190, 21.3427



8.7263, 9.2486, 11.4047



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.



16.1324, 17.2134, 27.2835



25.7114, 27.4032, 47.6772



14.2911, 13.3045, 26.6261



4.9488, 5.2406, 6.3565



5.8213, 4.9130, 22.6872



0.0530, 0.0613, 0.1555

Inverse Universe

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



18.3942, 15.5956, 18.8711



30.4370, 24.3465, 30.0286



22.1638, 25.0929, 15.2310



5.1208, 5.0838, 5.7245



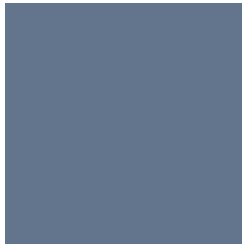
10.4252, 5.2802, 4.7432



0.0765, 0.0380, 0.0696

Previews

White Background



This preview shows how the XYZ color 16.1319, 17.2127, 27.2831 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 16.1319, 17.2127, 27.2831 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

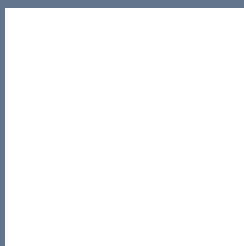
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.1319, 17.2127, 27.2831

Background



This preview shows how black text looks on a background with the XYZ color 16.1319, 17.2127, 27.2831.



This preview shows how white text looks on a background with the XYZ color 16.1319, 17.2127,

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

16.1319, 17.2127, 27.2831

Protanopia

17.0352, 17.1846, 26.4639

Deuteranopia

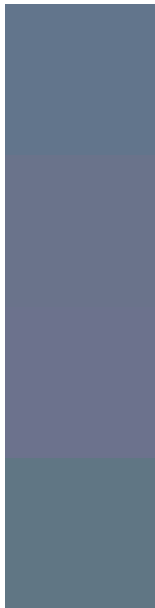
17.5229, 17.2441, 27.6042



Tritanopia

15.2124, 17.1851, 22.9373

Trichromacy



Original Color

16.1319, 17.2127, 27.2831

Protanomaly

16.7348, 17.1897, 26.8620

Deuteranomaly

17.0094, 17.1459, 27.6123

Tritanomaly

15.4672, 17.1096, 24.3171

Monochromacy



Original Color

16.1319, 17.2127, 27.2831

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8902, 16.8797, 21.1595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1319, 17.2127, 27.2831 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(98, 117, 140) looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 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(98, 117, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 140) }
```

Border

The CSS property to change the border of an element to XYZ 16.1319, 17.2127, 27.2831 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(98, 117, 140) }
```


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

```
.border{ border-color:rgb(98, 117, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 117, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 140);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1319, 17.2127, 27.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 140) }
```

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

```
.background{ background-color: rgb(98, 117,  
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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