

Converting Colors

XYZ(17.1615, 18.6803, 27.9279)

Have a look what the booklet for
XYZ(17.1615, 18.6803, 27.9279)
contains.

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Color

**XYZ(17.1341, 18.6089,
27.8881)**

Conversions

Conversions Part 1

Format	Color
Hex	657A8D
RGB	101, 122, 141
RGB Percent	40%, 48%, 55%
CMY	0.6039, 0.5216, 0.4471
CMYK	0.28, 0.13, 0.00, 0.45
HSL	208°, 17%, 47%
HSV	208°, 28%, 55%
XYZ	17.1341, 18.6089, 27.8881
YIQ	117.8870, -18.6150, 1.4570

Conversions

Conversions Part 2

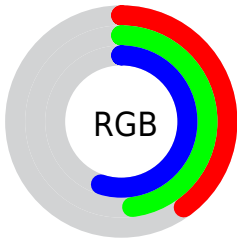
Format	Color
R_{YB}	101, 115, 141
Decimal	6650509
CIE _{Lab}	50.23, -3.01, -12.83
CIE _{LCh}	50, 13.178, 256.809
Yxy	18.6089, 0.2693, 0.2924
Android (android.graphics.Color)	4284840589 (0xFF657A8D)
YUV	117.8870, 11.3947, -14.8099
Hunter-Lab	43.1380, -4.5927, -8.1335

Details

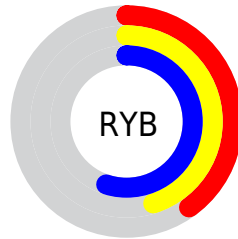
The XYZ color **17.1341, 18.6089, 27.8881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0502, 20.0353, 15.1229**, and the grayscale version is **17.1547, 18.0481, 19.6544**.

A 20% lighter version of the original color is **38.1232, 40.9845, 57.5313**, and **5.7391, 6.2773, 10.8067** is the 20% darker color. If you saturate the color by 10%, you get **14.8947, 16.2759, 27.5561**, and if you desaturate by 10%, it is **19.7022, 21.1964, 28.2525**.

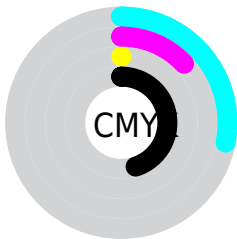
Distribution



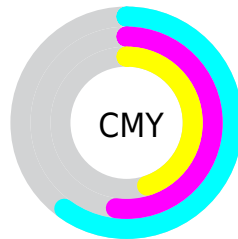
- Red (40%)
- Green (48%)
- Blue (55%)



- Red (40%)
- Yellow (45%)
- Blue (55%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1341, 18.6089, 27.8881 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 17.1341, 18.6089, 27.8881 by changing the saturation by 10% instead.

■ 17.1341, 18.6089,
27.8881

■ 17.1341, 18.6089,
27.8881

229.0852,
244.2811, 305.8269

■ 10.4260, 11.3880,
18.0030

■ 38.0980, 41.0722,
57.3267

■ 5.7468, 6.3285,
10.7827

■ 53.0845, 57.0834,
77.7173

■ 2.7309, 3.0458,
5.8086

■ 71.5612, 76.7935,
102.4468

■ 1.0131, 1.1557,
2.6621

■ 93.8935, 100.5868,
131.9337

■ 0.0000, 0.0251,
0.9243

120.4466,
128.8479, 166.5967

■ 0.0000, 0.0000,
0.0000

151.5861,

161.9610, 206.8542

187.6771,
200.3106, 253.1247

■ 17.1341, 18.6089,
27.8881

■ 17.1341, 18.6089,
27.8881

■ 14.8947, 16.2759,
27.5561

■ 19.7022, 21.1964,
28.2525

■ 12.9674, 14.1858,
27.2543

■ 22.6112, 24.0450,
28.6490

■ 11.3365, 12.3292,
26.9819

■ 25.8748, 27.1637,
29.0790

■ 9.9841, 10.6951,
26.7377

■ 29.5054, 30.5605,
29.5433

■ 8.8903, 9.2714,
26.5206

■ 33.5147, 34.2430,
30.0427

■ 8.0321, 8.0444,
26.3290

■ 37.9139, 38.2184,
30.5782

■ 7.3610, 6.9869,
26.1602

■ 42.7138, 42.4936,
31.1504

■ 7.2586, 6.8247,
26.1343

■ 47.9246, 47.0754,
31.7602

■ 53.5563, 51.9703,
32.4081

Harmonies

Analogous

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



16.0631, 18.6089, 25.8189



17.1341, 18.6089, 27.8881



18.4050, 18.6089, 27.7465

Triad

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



17.1341, 18.6089, 27.8881



20.1372, 18.6089, 18.3003



15.9608, 18.6089, 15.8298

Complementary

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



17.1341, 18.6089, 27.8881



20.0502, 20.0353, 15.1229

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.



16.9883, 18.6089, 14.2611



17.1341, 18.6089, 27.8881



19.4172, 18.6089, 15.5657

Square

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



17.1341, 18.6089, 27.8881



20.1808, 18.6089, 21.9053



18.2521, 18.6089, 14.1706



15.4079, 18.6089, 18.7029

Rectangle

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



17.1341, 18.6089, 27.8881



19.1958, 18.6089, 26.4134



18.2521, 18.6089, 14.1706



16.2598, 18.6089, 15.1484

Sweetspot

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



17.1347, 18.6096, 27.8885



40.0389, 42.6211, 51.2443



18.2621, 23.1648, 21.1726



8.7854, 9.3667, 11.4244



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.



17.1347, 18.6096, 27.8885



28.0672, 30.6166, 49.5582



14.9592, 14.2587, 27.1634



5.3492, 5.6941, 6.8459



6.6343, 6.2547, 23.8347



0.0855, 0.1040, 0.2352

Inverse Universe

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



19.1515, 16.3757, 20.5647



32.3589, 26.1900, 33.9000



22.6633, 25.2615, 15.9939



5.5197, 5.4684, 6.2348



11.1518, 5.6177, 6.4508



0.1178, 0.0582, 0.1204

Previews

White Background



This preview shows how the XYZ color 17.1341, 18.6089, 27.8881 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 17.1341, 18.6089, 27.8881 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

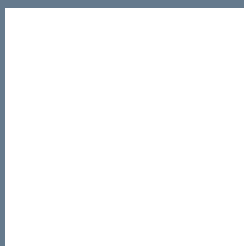
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.1341, 18.6089, 27.8881

Background



This preview shows how black text looks on a background with the XYZ color 17.1341, 18.6089, 27.8881.



This preview shows how white text looks on a background with the XYZ color 17.1341, 18.6089,

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

17.1341, 18.6089, 27.8881

Protanopia

18.3411, 18.5340, 27.0368

Deuteranopia

18.9895, 18.6686, 28.1937



Tritanopia

16.4622, 18.5120, 24.8958

Trichromacy



Original Color

17.1341, 18.6089, 27.8881

Protanomaly

17.8860, 18.4666, 27.4327

Deuteranomaly

18.2894, 18.6574, 28.2285

Tritanomaly

16.7824, 18.6528, 26.0084

Monochromacy



Original Color

17.1341, 18.6089, 27.8881

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.0448, 18.1448, 22.3426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1341, 18.6089, 27.8881 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, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(101, 122, 141)  
}
```

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, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 122, 141) }
```

Border

The CSS property to change the border of an element to XYZ 17.1341, 18.6089, 27.8881 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, 122, 141) }
```


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

```
.border{ border-color:rgb(101, 122, 141) }
```

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

Here you see how a box with a 4 pixel rgb(101, 122, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 122, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 122, 141);  
box-shadow:4px 4px 4px 4px rgb(101, 122,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1341, 18.6089, 27.8881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 122, 141) }
```

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

```
.background{ background-color: rgb(101,  
122, 141) }
```

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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