

Converting Colors

XYZ(16.0738, 17.7753, 27.7601)

Have a look what the booklet for
XYZ(16.0738, 17.7753, 27.7601)
contains.

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Color

**XYZ(16.0384, 17.6832,
27.7672)**

Conversions

Conversions Part 1

Format	Color
Hex	5D788D
RGB	93, 120, 141
RGB Percent	36%, 47%, 55%
CMY	0.6353, 0.5294, 0.4471
CMYK	0.34, 0.15, 0.00, 0.45
HSL	206°, 21%, 46%
HSV	206°, 34%, 55%
XYZ	16.0384, 17.6832, 27.7672
YIQ	114.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

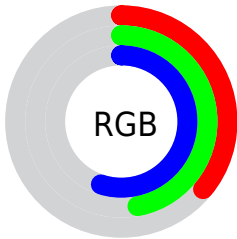
Format	Color
R_{YB}	93, 110, 141
Decimal	6125709
CIE _{Lab}	49.11, -4.35, -14.57
CIE _{LCh}	49, 15.206, 253.390
Yxy	17.6832, 0.2608, 0.2876
Android (android.graphics.Color)	4284315789 (0xFF5D788D)
YUV	114.3210, 13.1527, -18.6985
Hunter-Lab	42.0514, -5.5101, -9.7141

Details

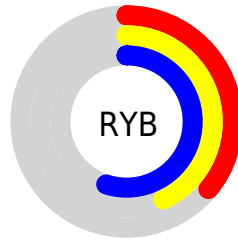
The XYZ color **16.0384, 17.6832, 27.7672** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.9779, 18.4879, 12.9247**, and the grayscale version is **16.0577, 16.8939, 18.3975**.

A 20% lighter version of the original color is **36.2799, 39.4649, 57.3351**, and **5.2444, 5.9255, 10.7649** is the 20% darker color. If you saturate the color by 10%, you get **14.0227, 15.5784, 27.4675**, and if you desaturate by 10%, it is **18.3662, 20.0207, 28.0960**.

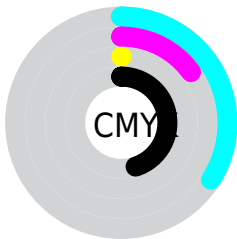
Distribution



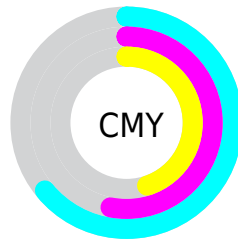
- Red (36%)
- Green (47%)
- Blue (55%)



- Red (36%)
- Yellow (43%)
- Blue (55%)



- Cyan (34%)
- Magenta (15%)
- Yellow (0%)
- Black (45%)



- Cyan (64%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.0384, 17.6832, 27.7672 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 16.0384, 17.6832, 27.7672 by changing the saturation by 10% instead.

■ 16.0384, 17.6832,
27.7672

■ 16.0384, 17.6832,
27.7672

222.8341,
239.0793, 305.2297

■ 9.6424, 10.7228,
17.9127

■ 36.2218, 39.4968,
57.1312

■ 5.2229, 5.8807,
10.7186

■ 50.7398, 55.1187,
77.4778

■ 2.4147, 2.7727,
5.7661

■ 68.6958, 74.3966,
102.1588

■ 0.8525, 1.0142,
2.6369

■ 90.4553, 97.7148,
131.5928

■ 0.0000, 0.0000,
0.9114

116.3835,
125.4578, 166.1984

■ 0.0000, 0.0000,
0.0000

146.8458,

158.0100, 206.3940

182.2076,
195.7557, 252.5983

■ 16.0384, 17.6832,
27.7672

■ 16.0384, 17.6832,
27.7672

■ 14.0227, 15.5784,
27.4675

■ 18.3662, 20.0207,
28.0960

■ 12.3020, 13.6949,
27.1946

■ 21.0187, 22.5974,
28.4536

■ 10.8601, 12.0234,
26.9480

■ 24.0097, 25.4222,
28.8411

■ 9.6784, 10.5528,
26.7264

■ 27.3518, 28.5026,
29.2596

■ 8.7355, 9.2708,
26.5287

■ 31.0568, 31.8461,
29.7097

■ 8.0055, 8.1625,
26.3532

■ 35.1361, 35.4596,
30.1921

■ 7.6266, 7.5608,
26.2570

■ 39.6003, 39.3498,
30.7077

■ 44.4599, 43.5232,
31.2571

■ 49.7247, 47.9859,
31.8411

Harmonies

Analogous

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



14.8991, 17.6832, 25.1446



16.0384, 17.6832, 27.7672



17.4480, 17.6832, 27.9127

Triad

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



16.0384, 17.6832, 27.7672



19.6077, 17.6832, 17.4984



14.9996, 17.6832, 14.1094

Complementary

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



16.0384, 17.6832, 27.7672



18.9779, 18.4879, 12.9247

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.



16.1826, 17.6832, 12.6013



16.0384, 17.6832, 27.7672



18.8719, 17.6832, 14.3637

Square

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



16.0384, 17.6832, 27.7672



19.5637, 17.6832, 21.5784



17.6005, 17.6832, 12.6873



14.3229, 17.6832, 17.1028

Rectangle

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



16.0384, 17.6832, 27.7672



18.3561, 17.6832, 26.5536



17.6005, 17.6832, 12.6873



15.3482, 17.6832, 13.4321

Sweetspot

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



16.0390, 17.6839, 27.7676



39.6176, 42.3505, 51.2143



17.0654, 22.5877, 19.3208



8.7045, 9.3223, 11.4200



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.



16.0390, 17.6839, 27.7676



25.8470, 28.6790, 49.3012



13.5235, 12.6530, 26.9291



5.3654, 5.7266, 6.8513



6.9699, 6.9258, 23.9465



0.0886, 0.1102, 0.2363

Inverse Universe

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



18.2895, 14.8480, 19.6720



30.6273, 23.1582, 31.9929



22.0205, 24.5730, 13.9389



5.5279, 5.4717, 6.2780



11.3212, 5.6855, 7.3427



0.1193, 0.0588, 0.1286

Previews

White Background



This preview shows how the XYZ color 16.0384, 17.6832, 27.7672 looks on a white background.

Color Contrast Check

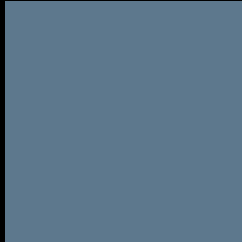
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0384, 17.6832, 27.7672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

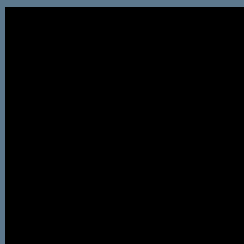
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

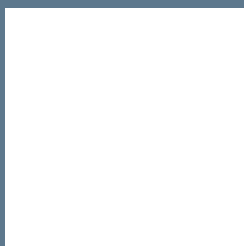
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.0384, 17.6832, 27.7672

Background



This preview shows how black text looks on a background with the XYZ color 16.0384, 17.6832, 27.7672.



This preview shows how white text looks on a background with the XYZ color 16.0384, 17.6832,

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

16.0384, 17.6832, 27.7672

Protanopia

17.4003, 17.5412, 26.5135

Deuteranopia

17.9700, 17.6325, 28.0475



Tritanopia

15.3707, 17.7819, 24.0949

Trichromacy



Original Color

16.0384, 17.6832, 27.7672

Protanomaly

16.8472, 17.5899, 26.9333

Deuteranomaly

17.1913, 17.5696, 28.0764

Tritanomaly

15.6242, 17.6993, 25.5145

Monochromacy



Original Color

16.0384, 17.6832, 27.7672

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.8273, 17.0102, 21.5179

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.0384, 17.6832, 27.7672 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(93, 120, 141) looks like.

```
.text, #text, p{  
    color:rgb(93, 120, 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(93, 120, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 120, 141) }
```

Border

The CSS property to change the border of an element to XYZ 16.0384, 17.6832, 27.7672 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(93, 120, 141) }
```


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

```
.border{ border-color:rgb(93, 120, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 120, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 120, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 120, 141);  
box-shadow:4px 4px 4px 4px rgb(93, 120,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 16.0384, 17.6832, 27.7672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 120, 141) }
```

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

```
.background{ background-color: rgb(93, 120,  
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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