

Converting Colors

XYZ(17.9737, 20.9288, 27.2324)

Have a look what the booklet for
XYZ(17.9737, 20.9288, 27.2324)
contains.

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Color

**XYZ(17.9843, 20.9902,
27.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	63848A
RGB	99, 132, 138
RGB Percent	39%, 52%, 54%
CMY	0.6118, 0.4823, 0.4588
CMYK	0.28, 0.04, 0.00, 0.46
HSL	189°, 16%, 46%
HSV	189°, 28%, 54%
XYZ	17.9843, 20.9902, 27.1484
YIQ	122.8170, -21.5940, -5.1300

Conversions

Conversions Part 2

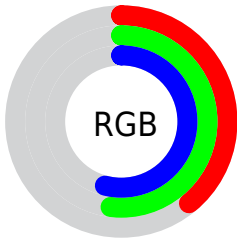
Format	Color
R_{YB}	99, 117, 138
Decimal	6521994
CIE _{Lab}	52.94, -10.10, -7.02
CIE _{LCh}	53, 12.302, 214.799
Yxy	20.9902, 0.2720, 0.3174
Android (android.graphics.Color)	4284712074 (0xFF63848A)
YUV	122.8170, 7.4852, -20.8875
Hunter-Lab	45.8151, -10.1078, -3.0626

Details

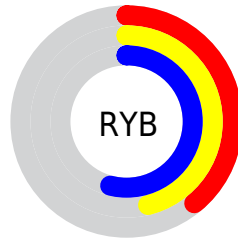
The XYZ color **17.9843, 20.9902, 27.1484** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.7851, 16.4073, 14.0343**, and the grayscale version is **18.7482, 19.7246, 21.4800**.

A 20% lighter version of the original color is **39.5154, 45.0388, 55.9009**, and **6.1701, 7.5692, 10.3683** is the 20% darker color. If you saturate the color by 10%, you get **16.3189, 19.7092, 26.9893**, and if you desaturate by 10%, it is **19.9145, 22.4174, 27.3225**.

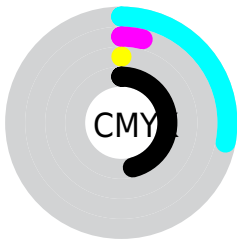
Distribution



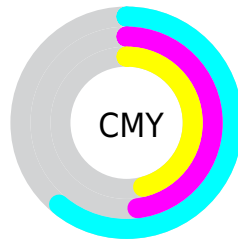
- Red (39%)
- Green (52%)
- Blue (54%)



- Red (39%)
- Yellow (46%)
- Blue (54%)



- Cyan (28%)
- Magenta (4%)
- Yellow (0%)
- Black (46%)



- Cyan (61%)
- Magenta (48%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9843, 20.9902, 27.1484 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 17.9843, 20.9902, 27.1484 by changing the saturation by 10% instead.

■ 17.9843, 20.9902,
27.1484

■ 17.9843, 20.9902,
27.1484

233.8298,
257.2264, 302.1578

■ 11.0383, 13.1168,
17.4513

■ 39.5409, 45.0712,
56.1285

■ 6.1601, 7.5091,
10.3914

■ 54.8822, 62.0477,
76.2486

■ 2.9843, 3.7824,
5.5503

■ 73.7526, 82.8273,
100.6802

■ 1.1454, 1.5526,
2.5093

■ 96.5176, 107.7944,
129.8416

■ 0.0626, 0.3253,
0.8451

123.5425,
137.3335, 164.1516

■ 0.0000, 0.0000,
0.0000

155.1926,

171.8290, 204.0286

191.8332,
211.6651, 249.8911

■ 17.9843, 20.9902,
27.1484

■ 17.9843, 20.9902,
27.1484

■ 16.3189, 19.7092,
26.9893

■ 19.9145, 22.4174,
27.3225

■ 14.9032, 18.5651,
26.8430

■ 22.1198, 23.9947,
27.5107

■ 13.7237, 17.5513,
26.7095

■ 24.6123, 25.7288,
27.7141

■ 12.7645, 16.6596,
26.5880

■ 27.4026, 27.6253,
27.9331

■ 12.0079, 15.8809,
26.4776

■ 30.5012, 29.6896,
28.1682

■ 11.4334, 15.2045,
26.3773

■ 33.9175, 31.9267,
28.4199

■ 10.9959, 14.6071,
26.2850

■ 37.6611, 34.3414,
28.6887

■ 10.9228, 14.5056,
26.2693

■ 41.7407, 36.9384,
28.9750

■ 46.1648, 39.7221,
29.2791

Harmonies

Analogous

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



17.5819, 20.9902, 23.4536



17.9843, 20.9902, 27.1484



18.9140, 20.9902, 29.8955

Triad

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



17.9843, 20.9902, 27.1484



22.2775, 20.9902, 26.0114



19.7440, 20.9902, 16.4877

Complementary

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



17.9843, 20.9902, 27.1484



17.7851, 16.4073, 14.0343

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.



21.0243, 20.9902, 17.0166



17.9843, 20.9902, 27.1484



22.5229, 20.9902, 22.2662

Square

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



17.9843, 20.9902, 27.1484



21.3983, 20.9902, 29.1911



22.0551, 20.9902, 19.0395



18.5697, 20.9902, 17.5089

Rectangle

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



17.9843, 20.9902, 27.1484



19.7268, 20.9902, 30.6751



22.0551, 20.9902, 19.0395



20.1760, 20.9902, 16.4912

Sweetspot

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



17.9849, 20.9910, 27.1489



39.0264, 42.3203, 48.4949



16.7765, 21.8468, 16.6573



8.6291, 9.4045, 10.8668



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.9849, 20.9910, 27.1489



29.7505, 35.5104, 47.6694



15.5996, 16.2203, 26.3538



5.1084, 5.5598, 6.4098



10.0230, 13.3163, 24.0877



0.0748, 0.1049, 0.1628

Inverse Universe

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



19.1084, 15.9934, 23.9107



32.1081, 25.3072, 40.8103



19.9853, 20.8077, 14.7677



5.2014, 5.1160, 6.1488



12.5460, 6.1285, 15.9112



0.0875, 0.0424, 0.1275

Previews

White Background



This preview shows how the XYZ color 17.9843, 20.9902, 27.1484 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 17.9843, 20.9902, 27.1484 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

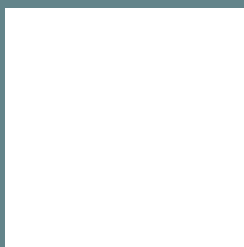
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.9843, 20.9902, 27.1484

Background



This preview shows how black text looks on a background with the XYZ color 17.9843, 20.9902, 27.1484.

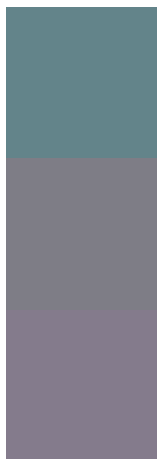


This preview shows how white text looks on a background with the XYZ color 17.9843, 20.9902,

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

17.9843, 20.9902, 27.1484

Protanopia

20.2409, 20.8241, 25.5069

Deuteranopia

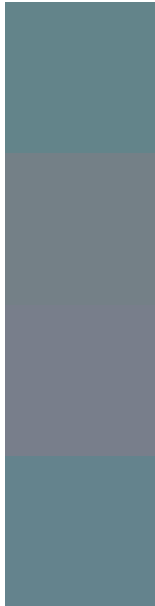
21.3323, 20.9649, 27.7332



Tritanopia

18.2543, 20.8949, 28.6622

Trichromacy



Original Color

17.9843, 20.9902, 27.1484

Protanomaly

19.2948, 20.9006, 25.9389

Deuteranomaly

19.8668, 20.7789, 27.3897

Tritanomaly

18.1795, 20.8650, 28.2685

Monochromacy



Original Color

17.9843, 20.9902, 27.1484

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.2966, 20.0576, 23.3293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9843, 20.9902, 27.1484 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(99, 132, 138) looks like.

```
.text, #text, p{  
    color:rgb(99, 132, 138)  
}
```

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(99, 132, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 132, 138) }
```

Border

The CSS property to change the border of an element to XYZ 17.9843, 20.9902, 27.1484 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(99, 132, 138) }
```


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

```
.border{ border-color:rgb(99, 132, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 132, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 132, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 132, 138);  
box-shadow:4px 4px 4px 4px rgb(99, 132,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9843, 20.9902, 27.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 132, 138) }
```

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

```
.background{ background-color: rgb(99, 132,  
138) }
```

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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