

Converting Colors

XYZ(16.9601, 19.6804, 22.1978)

Have a look what the booklet for
XYZ(16.9601, 19.6804, 22.1978)
contains.

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Color

**XYZ(17.0144, 19.8026,
22.3276)**

Conversions

Conversions Part 1

Format	Color
Hex	67807D
RGB	103, 128, 125
RGB Percent	40%, 50%, 49%
CMY	0.5961, 0.4980, 0.5098
CMYK	0.20, 0.00, 0.02, 0.50
HSL	173°, 11%, 45%
HSV	173°, 20%, 50%
XYZ	17.0144, 19.8026, 22.3276
YIQ	120.1830, -13.9370, -6.2330

Conversions

Conversions Part 2

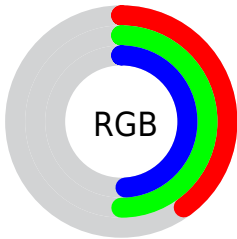
Format	Color
R_{YB}	103, 116, 128
Decimal	6783101
CIE _{Lab}	51.61, -9.64, -1.36
CIE _{LCh}	52, 9.740, 188.052
Yxy	19.8026, 0.2877, 0.3348
Android (android.graphics.Color)	4284973181 (0xFF67807D)
YUV	120.1830, 2.3748, -15.0695
Hunter-Lab	44.5001, -9.6266, 1.4018

Details

The XYZ color **17.0144, 19.8026, 22.3276** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3546, 15.3309, 15.7337**, and the grayscale version is **17.9075, 18.8401, 20.5168**.

A 20% lighter version of the original color is **37.8862, 43.1321, 48.4480**, and **5.6760, 6.9260, 7.8752** is the 20% darker color. If you saturate the color by 10%, you get **15.5599, 19.0645, 21.7513**, and if you desaturate by 10%, it is **18.6964, 20.6588, 22.9233**.

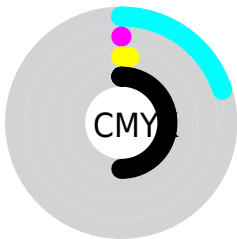
Distribution



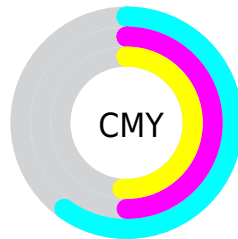
- Red (40%)
- Green (50%)
- Blue (49%)



- Red (40%)
- Yellow (45%)
- Blue (50%)



- Cyan (20%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (60%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0144, 19.8026, 22.3276 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 17.0144, 19.8026, 22.3276 by changing the saturation by 10% instead.

■ 17.0144, 19.8026,
22.3276

■ 17.0144, 19.8026,
22.3276

228.4100,
250.8445, 277.2614

■ 10.3401, 12.2516,
13.8972

■ 37.8939, 43.0860,
48.1960

■ 5.6890, 6.9153,
7.9113

■ 52.8299, 59.5872,
66.4710

■ 2.6958, 3.4092,
3.9513

■ 71.2505, 79.8406,
88.8647

■ 0.9950, 1.3489,
1.5986

■ 93.5210, 104.2306,
115.7955

■ 0.0000, 0.1786,
0.2899

120.0069,
133.1416, 147.6821

■ 0.0000, 0.0000,
0.0000

151.0734,

166.9580, 184.9429

187.0860,
206.0641, 227.9965

■ 17.0144, 19.8026,
22.3276

■ 17.0144, 19.8026,
22.3276

■ 15.5599, 19.0645,
21.7513

■ 18.6964, 20.6588,
22.9233

■ 14.3209, 18.4369,
21.1927

■ 20.6137, 21.6356,
23.5375

■ 13.2871, 17.9149,
20.6514

■ 22.7758, 22.7384,
24.1712

■ 12.4464, 17.4922,
20.1271

■ 25.1914, 23.9717,
24.8248

■ 11.7858, 17.1622,
19.6189

■ 27.8684, 25.3396,
25.4987

■ 11.2903, 16.9172,
19.1263

■ 30.8147, 26.8462,
26.1933

■ 10.9426, 16.7481,
18.6482

■ 34.0377, 28.4952,
26.9090

■ 10.6912, 16.6286,
18.1824

■ 37.5445, 30.2903,
27.6461

■ 10.6796, 16.6231,
18.1608

■ 41.3420, 32.2352,
28.4051

Harmonies

Analogous

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



17.1251, 19.8026, 19.6040



17.0144, 19.8026, 22.3276



17.3745, 19.8026, 25.0674

Triad

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



17.0144, 19.8026, 22.3276



20.0091, 19.8026, 26.1037



19.5360, 19.8026, 16.9272

Complementary

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



17.0144, 19.8026, 22.3276



16.3546, 15.3309, 15.7337

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.



20.3473, 19.8026, 18.3990



17.0144, 19.8026, 22.3276



20.6270, 19.8026, 23.6455

Square

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



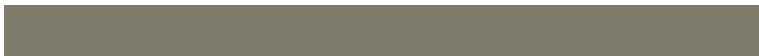
17.0144, 19.8026, 22.3276



19.0874, 19.8026, 27.3679



20.7528, 19.8026, 20.8134



18.5587, 19.8026, 16.6408

Rectangle

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



17.0144, 19.8026, 22.3276



17.8408, 19.8026, 26.4804



20.7528, 19.8026, 20.8134



19.8381, 19.8026, 17.2931

Sweetspot

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



17.0150, 19.8034, 22.3280



34.0146, 36.9306, 40.7213



16.1516, 19.5031, 15.7456



7.9237, 8.6260, 9.5209



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



17.0150, 19.8034, 22.3280



28.8853, 34.3213, 38.9005



16.0674, 17.5968, 22.9727



4.4249, 4.8783, 5.4088



10.5894, 16.4824, 18.0086



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.3546, 15.3309, 15.7337



27.5231, 25.0929, 25.2961



17.1636, 17.1943, 15.2466



4.3472, 4.3520, 4.6326



8.9155, 4.5859, 0.8788



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 17.0144, 19.8026, 22.3276 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 17.0144, 19.8026, 22.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

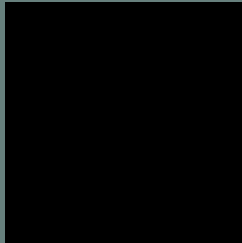
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.0144, 19.8026, 22.3276

Background



This preview shows how black text looks on a background with the XYZ color 17.0144, 19.8026, 22.3276.



This preview shows how white text looks on a background with the XYZ color 17.0144, 19.8026,

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

17.0144, 19.8026, 22.3276

Protanopia

18.9298, 19.6842, 21.2141

Deuteranopia

20.1005, 19.7125, 22.8242



Tritanopia

17.7305, 19.7025, 26.1610

Trichromacy



Original Color

17.0144, 19.8026, 22.3276

Protanomaly

18.1189, 19.6273, 21.5724

Deuteranomaly

18.7515, 19.5630, 22.5264

Tritanomaly

17.4631, 19.7877, 24.7288

Monochromacy



Original Color

17.0144, 19.8026, 22.3276

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

17.5352, 19.1485, 21.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0144, 19.8026, 22.3276 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(103, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(103, 128, 125)  
}
```

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(103, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 17.0144, 19.8026, 22.3276 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(103, 128, 125) }
```


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

```
.border{ border-color:rgb(103, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(103, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0144, 19.8026, 22.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 128, 125) }
```

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

```
.background{ background-color: rgb(103,  
128, 125) }
```

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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