

Converting Colors

XYZ(16.9960, 25.2064, 25.0886)

Have a look what the booklet for
XYZ(16.9960, 25.2064, 25.0886)
contains.

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Color

**XYZ(16.9960, 25.2064,
25.0886)**

Conversions

Conversions Part 1

Format	Color
Hex	379982
RGB	55, 153, 130
RGB Percent	22%, 60%, 51%
CMY	0.7843, 0.4000, 0.4902
CMYK	0.64, 0.00, 0.15, 0.40
HSL	166°, 47%, 41%
HSV	166°, 64%, 60%
XYZ	16.9960, 25.2064, 25.0886
YIQ	121.0760, -51.0250, -27.9290

Conversions

Conversions Part 2

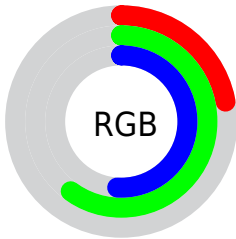
Format	Color
RYB	55, 111, 153
Decimal	3643778
CIELab	57.28, -34.15, 3.73
CIElCh	57, 34.356, 173.775
Yxy	25.2064, 0.2526, 0.3746
Android (android.graphics.Color)	4281833858 (0xFF379982)
YUV	121.0760, 4.3995, -57.9487
Hunter-Lab	50.2060, -27.4337, 5.5162

Details

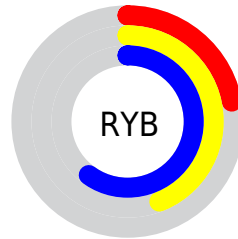
The XYZ color **16.9960, 25.2064, 25.0886** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **15.8790, 10.0553, 8.3125**, and the grayscale version is **18.1972, 19.1448, 20.8487**.

A 20% lighter version of the original color is **37.9132, 52.0414, 52.8465**, and **6.1389, 9.9014, 9.3722** is the 20% darker color. If you saturate the color by 10%, you get **16.0476, 24.7455, 23.8082**, and if you desaturate by 10%, it is **18.2141, 25.8066, 26.4266**.

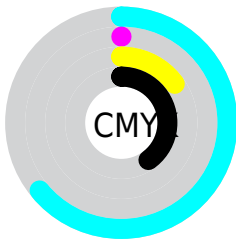
Distribution



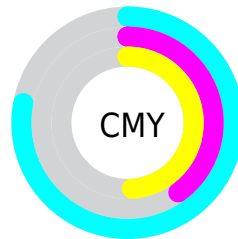
- Red (22%)
- Green (60%)
- Blue (51%)



- Red (22%)
- Yellow (44%)
- Blue (60%)



- Cyan (64%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9960, 25.2064, 25.0886 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 16.9960, 25.2064, 25.0886 by changing the saturation by 10% instead.

■ 16.9960, 25.2064,
25.0886

■ 16.9960, 25.2064,
25.0886

228.3060,
278.8643, 291.7407

■ 10.3269, 16.2309,
15.9235

■ 37.8626, 51.9919,
52.7668

■ 5.6802, 9.6877,
9.3162

■ 52.7907, 70.5706,
72.1170

■ 2.6904, 5.1924,
4.8484

■ 71.2027, 93.1192,
95.6992

■ 0.9922, 2.3606,
2.1014

■ 93.4637, 120.0221,
123.9321

■ 0.0000, 0.8055,
0.6166

■ 119.9392,
151.6637, 157.2341

■ 0.0000, 0.0000,
0.0000

150.9945,

188.4283, 196.0239

186.9950,
230.7004, 240.7199

■ 16.9960, 25.2064,
25.0886

■ 16.9960, 25.2064,
25.0886

■ 16.0476, 24.7455,
23.8082

■ 18.2141, 25.8066,
26.4266

■ 15.3418, 24.4080,
22.5821

■ 19.7215, 26.5544,
27.8220

■ 14.8491, 24.1795,
21.4091

■ 21.5386, 27.4609,
29.2767

■ 14.6079, 24.0699,
20.7339

■ 23.6833, 28.5351,
30.7919

■ 26.1719, 29.7857,
32.3688

■ 29.0197, 31.2205,
34.0086

■ 32.2413, 32.8469,
35.7124

■ 35.8501, 34.6719,
37.4811

■ 39.8591, 36.7022,
39.3157

Harmonies

Analogous

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



18.1882, 25.2064, 16.2262



16.9960, 25.2064, 25.0886



17.4918, 25.2064, 37.4981

Triad

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



16.9960, 25.2064, 25.0886



27.2501, 25.2064, 53.4582



28.8815, 25.2064, 13.0556

Complementary

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



16.9960, 25.2064, 25.0886



15.8790, 10.0553, 8.3125

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.



31.8484, 25.2064, 19.3722



16.9960, 25.2064, 25.0886



30.8345, 25.2064, 42.9176

Square

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



16.9960, 25.2064, 25.0886



23.1202, 25.2064, 56.2637



32.6007, 25.2064, 29.9455



24.8157, 25.2064, 10.6620

Rectangle

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



16.9960, 25.2064, 25.0886



18.7445, 25.2064, 46.0331



32.6007, 25.2064, 29.9455



30.0581, 25.2064, 14.6865

Sweetspot

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



16.9967, 25.2074, 25.0892



44.4179, 52.1083, 56.4493



15.3477, 24.7431, 7.5817



9.5551, 11.3790, 12.3016



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



16.9967, 25.2074, 25.0892



28.1225, 44.0185, 41.6427



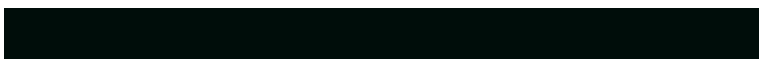
15.1106, 18.6821, 32.9478



6.3225, 7.0017, 7.6219



12.0860, 19.8979, 17.2053



0.1942, 0.3029, 0.3284

Inverse Universe

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



15.8790, 10.0553, 8.3125



26.0052, 14.6673, 9.3821



16.6594, 12.7132, 5.1906



6.2653, 6.2453, 6.7770



11.1308, 5.7065, 1.9476



0.1787, 0.0902, 0.0939

Previews

White Background



This preview shows how the XYZ color 16.9960, 25.2064, 25.0886 looks on a white background.

Color Contrast Check

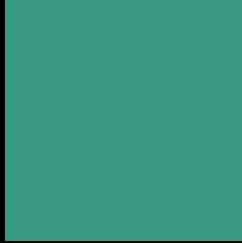
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.9960, 25.2064, 25.0886 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

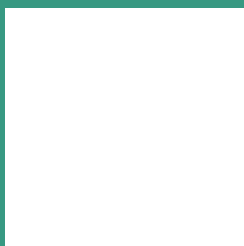
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.9960, 25.2064, 25.0886

Background



This preview shows how black text looks on a background with the XYZ color 16.9960, 25.2064, 25.0886.

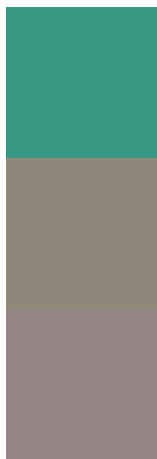


This preview shows how white text looks on a background with the XYZ color 16.9960, 25.2064,

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

16.9960, 25.2064, 25.0886

Protanopia

23.5830, 24.8284, 21.6386

Deuteranopia

25.3869, 24.8311, 26.3765



Tritanopia

19.5644, 25.2970, 37.5699

Trichromacy



Original Color

16.9960, 25.2064, 25.0886

Protanomaly

19.8666, 24.1807, 22.6891

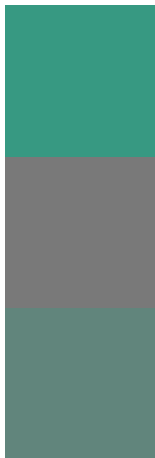
Deuteranomaly

20.8142, 24.1626, 25.7571

Tritanomaly

18.4613, 25.0715, 32.7204

Monochromacy



Original Color

16.9960, 25.2064, 25.0886

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

16.9554, 20.7717, 22.1845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9960, 25.2064, 25.0886 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(55, 153, 130)` looks like.

```
.text, #text, p{  
  color:rgb(55, 153, 130)  
}
```

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(55, 153, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 153, 130) }
```

Border

The CSS property to change the border of an element to XYZ 16.9960, 25.2064, 25.0886 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(55, 153, 130) }
```


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

```
.border{ border-color:rgb(55, 153, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 153, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 153, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 153, 130);  
box-shadow:4px 4px 4px 4px rgb(55, 153,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9960, 25.2064, 25.0886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 153, 130) }
```

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

```
.background{ background-color: rgb(55, 153,  
130) }
```

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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