

Converting Colors

XYZ(18.7517, 25.1526, 35.3343)

Have a look what the booklet for
XYZ(18.7517, 25.1526, 35.3343)
contains.

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Color

**XYZ(18.7706, 25.1737,
35.3222)**

Conversions

Conversions Part 1

Format	Color
Hex	3C969C
RGB	60, 150, 156
RGB Percent	24%, 59%, 61%
CMY	0.7647, 0.4118, 0.3882
CMYK	0.62, 0.04, 0.00, 0.39
HSL	184°, 44%, 42%
HSV	184°, 62%, 61%
XYZ	18.7706, 25.1737, 35.3222
YIQ	123.7740, -55.5660, -17.2140

Conversions

Conversions Part 2

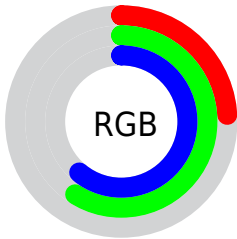
Format	Color
R _Y B	60, 106, 156
Decimal	3970716
CIE Lab	57.24, -24.54, -11.14
CIE LCh	57, 26.946, 204.419
Yxy	25.1737, 0.2368, 0.3176
Android (android.graphics.Color)	4282160796 (0xFF3C969C)
YUV	123.7740, 15.8874, -55.9298
Hunter-Lab	50.1734, -21.0240, -6.6189

Details

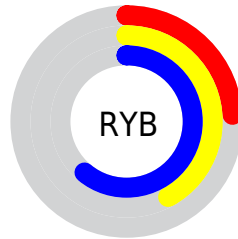
The XYZ color **18.7706, 25.1737, 35.3222** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.4747, 11.2912, 5.5868**, and the grayscale version is **19.0459, 20.0378, 21.8211**.

A 20% lighter version of the original color is **40.6969, 51.6904, 68.8051**, and **7.0116, 9.9436, 14.9144** is the 20% darker color. If you saturate the color by 10%, you get **17.8089, 24.4485, 35.2334**, and if you desaturate by 10%, it is **20.0130, 26.0466, 35.4257**.

Distribution



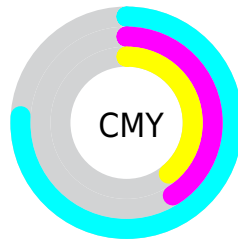
- Red (24%)
- Green (59%)
- Blue (61%)



- Red (24%)
- Yellow (42%)
- Blue (61%)



- Cyan (62%)
- Magenta (4%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7706, 25.1737, 35.3222 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 18.7706, 25.1737, 35.3222 by changing the saturation by 10% instead.

■ 18.7706, 25.1737,
35.3222

■ 18.7706, 25.1737,
35.3222

238.1419,
278.7019, 340.9356

■ 11.6077, 16.2065,
23.6256

■ 40.8660, 51.9389,
69.1418

■ 6.5474, 9.6704,
14.8465

■ 56.5291, 70.5057,
92.1020

■ 3.2245, 5.1810,
8.5663

■ 75.7564, 93.0411,
119.6537

■ 1.2736, 2.3538,
4.3665

■ 98.9131, 119.9296,
152.2156

■ 0.1633, 0.8020,
1.8285

■ 126.3647,
151.5555, 190.2062

■ 0.0000, 0.0000,
0.4466

158.4764,

■ 0.0000, 0.0000,

188.3033, 234.0441

0.0000

195.6137,
230.5573, 284.1477

■ 18.7706, 25.1737,
35.3222

■ 18.7706, 25.1737,
35.3222

■ 17.8089, 24.4485,
35.2334

■ 20.0130, 26.0466,
35.4257

■ 17.1002, 23.8551,
35.1562

■ 21.5560, 27.0759,
35.5430

■ 16.6157, 23.3792,
35.0899

■ 23.4201, 28.2726,
35.6758

■ 16.3188, 23.0362,
35.0393

■ 25.6238, 29.6464,
35.8248

■ 28.1838, 31.2057,
35.9908

■ 31.1159, 32.9588,
36.1747

■ 34.4348, 34.9133,
36.3770

■ 38.1545, 37.0764,
36.5985

■ 42.2884, 39.4549,
36.8397

Harmonies

Analogous

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



18.3326, 25.1737, 25.7386



18.7706, 25.1737, 35.3222



20.5362, 25.1737, 44.2997

Triad

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



18.7706, 25.1737, 35.3222



29.2635, 25.1737, 38.9392



24.5277, 25.1737, 13.3930

Complementary

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



18.7706, 25.1737, 35.3222



16.4747, 11.2912, 5.5868

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.



27.6716, 25.1737, 15.4729



18.7706, 25.1737, 35.3222



30.5570, 25.1737, 29.1520

Square

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



18.7706, 25.1737, 35.3222



26.5500, 25.1737, 46.6916



29.9502, 25.1737, 20.7773



21.4824, 25.1737, 14.3364

Rectangle

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



18.7706, 25.1737, 35.3222



22.3187, 25.1737, 48.0231



29.9502, 25.1737, 20.7773



25.6105, 25.1737, 13.7444

Sweetspot

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



18.7714, 25.1747, 35.3228



47.9461, 54.7086, 65.1595



14.7009, 25.1175, 9.0448



10.2842, 11.8751, 14.3205



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.7714, 25.1747, 35.3228



31.7876, 43.9540, 63.9353



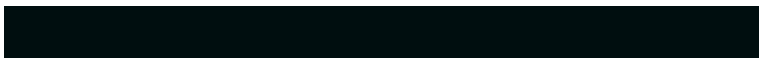
12.7351, 13.1021, 33.3107



6.7863, 7.4385, 8.4848



13.4509, 18.9933, 28.8644



0.2501, 0.3588, 0.5193

Inverse Universe

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



20.8319, 12.5024, 30.1705



35.9782, 19.3078, 53.2039



20.4094, 19.1606, 6.8983



6.8863, 6.7474, 8.2521



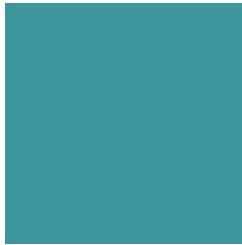
15.5876, 7.5396, 23.1430



0.2835, 0.1367, 0.4393

Previews

White Background



This preview shows how the XYZ color 18.7706, 25.1737, 35.3222 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 18.7706, 25.1737, 35.3222 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

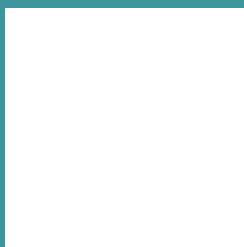
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7706, 25.1737, 35.3222

Background



This preview shows how black text looks on a background with the XYZ color 18.7706, 25.1737, 35.3222.

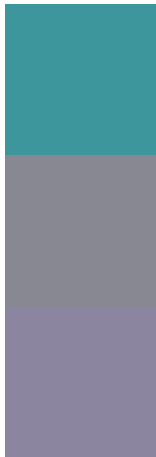


This preview shows how white text looks on a background with the XYZ color 18.7706, 25.1737,

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

18.7706, 25.1737, 35.3222

Protanopia

24.2240, 24.9491, 31.1427

Deuteranopia

25.3802, 24.8021, 36.7073



Tritanopia

19.1671, 25.0922, 37.5513

Trichromacy



Original Color

18.7706, 25.1737, 35.3222

Protanomaly

21.2142, 24.4399, 32.4534

Deuteranomaly

21.9210, 24.2834, 36.3327

Tritanomaly

18.9299, 24.9902, 36.6268

Monochromacy



Original Color

18.7706, 25.1737, 35.3222

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

18.1983, 21.3193, 26.4484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7706, 25.1737, 35.3222 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(60, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(60, 150, 156)  
}
```

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(60, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 150, 156) }
```

Border

The CSS property to change the border of an element to XYZ 18.7706, 25.1737, 35.3222 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(60, 150, 156) }
```


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

```
.border{ border-color:rgb(60, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(60, 150,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7706, 25.1737, 35.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 150, 156) }
```

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

```
.background{ background-color: rgb(60, 150,  
156) }
```

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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