

Converting Colors

XYZ(18.7390, 26.0185, 31.7523)

Have a look what the booklet for
XYZ(18.7390, 26.0185, 31.7523)
contains.

XYZ(18.7076, 25.9458, 31.6258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.7076, 25.9458,
31.6258)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9993
RGB	63, 153, 147
RGB Percent	25%, 60%, 58%
CMY	0.7529, 0.4000, 0.4235
CMYK	0.59, 0.00, 0.04, 0.40
HSL	176°, 42%, 42%
HSV	176°, 59%, 60%
XYZ	18.7076, 25.9458, 31.6258
YIQ	125.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

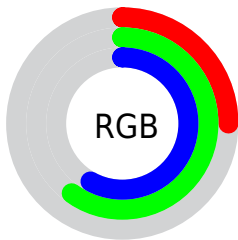
Format	Color
R _{YB}	63, 110, 153
Decimal	4168083
CIE Lab	57.99, -28.06, -4.89
CIE LCh	58, 28.480, 189.887
Yxy	25.9458, 0.2453, 0.3401
Android (android.graphics.Color)	4282358163 (0xFF3F9993)
YUV	125.4060, 10.6458, -54.7301
Hunter-Lab	50.9370, -23.5822, -1.1561

Details

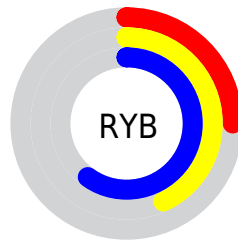
The XYZ color **18.7076, 25.9458, 31.6258** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.9894, 10.7578, 6.8649**, and the grayscale version is **19.6083, 20.6295, 22.4655**.

A 20% lighter version of the original color is **40.8442, 53.3219, 63.3978**, and **6.8113, 10.1704, 12.9134** is the 20% darker color. If you saturate the color by 10%, you get **17.7835, 25.4792, 31.1670**, and if you desaturate by 10%, it is **19.9055, 26.5547, 32.1023**.

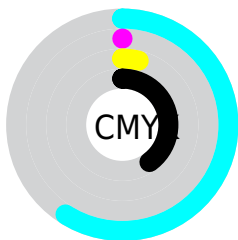
Distribution



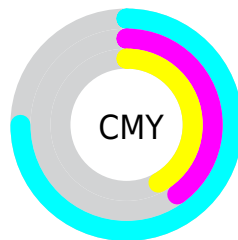
- Red (25%)
- Green (60%)
- Blue (58%)



- Red (25%)
- Yellow (43%)
- Blue (60%)



- Cyan (59%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (75%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.7076, 25.9458, 31.6258 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 18.7076, 25.9458, 31.6258 by changing the saturation by 10% instead.

■ 18.7076, 25.9458,
31.6258

■ 18.7076, 25.9458,
31.6258

237.7990,
282.5159, 323.8511

■ 11.5619, 16.7831,
20.8134

■ 40.7601, 53.1875,
63.3151

■ 6.5162, 10.0800,
12.7978

■ 56.3977, 72.0353,
85.0290

■ 3.2050, 5.4520,
7.1603

■ 75.5966, 94.8802,
111.2139

■ 1.2631, 2.5148,
3.4826

■ 98.7223, 122.1067,
142.2883

■ 0.1553, 0.8841,
1.3460

■ 126.1400,
154.0991, 178.6706

■ 0.0000, 0.0000,
0.0991

158.2151,

■ 0.0000, 0.0000,

191.2418, 220.7795

0.0000

195.3130,
233.9193, 269.0335

■ 18.7076, 25.9458,
31.6258

■ 18.7076, 25.9458,
31.6258

■ 17.7835, 25.4792,
31.1670

■ 19.9055, 26.5547,
32.1023

■ 17.1077, 25.1400,
30.7229

■ 21.3955, 27.3134,
32.5956

■ 16.6541, 24.9152,
30.2930

■ 23.1967, 28.2325,
33.1071

■ 16.3661, 24.7757,
29.8744

■ 25.3261, 29.3207,
33.6378

■ 16.3344, 24.7604,
29.8255

■ 27.7996, 30.5862,
34.1883

■ 30.6319, 32.0366,
34.7594

■ 33.8368, 33.6790,
35.3516

■ 37.4275, 35.5202,
35.9657

■ 41.4165, 37.5667,
36.6022

Harmonies

Analogous

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



18.9623, 25.9458, 22.2305



18.7076, 25.9458, 31.6258



19.9305, 25.9458, 42.2052

Triad

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



18.7076, 25.9458, 31.6258



29.1450, 25.9458, 45.3992



27.0032, 25.9458, 13.9471

Complementary

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



18.7076, 25.9458, 31.6258



15.9894, 10.7578, 6.8649

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.



30.0857, 25.9458, 17.7706



18.7076, 25.9458, 31.6258



31.3997, 25.9458, 35.2697

Square

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



18.7076, 25.9458, 31.6258



25.8127, 25.9458, 51.2925



31.7591, 25.9458, 25.1244



23.5435, 25.9458, 13.4089

Rectangle

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



18.7076, 25.9458, 31.6258



21.4922, 25.9458, 47.9839



31.7591, 25.9458, 25.1244



28.1263, 25.9458, 14.8399

Sweetspot

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



18.7084, 25.9468, 31.6264



45.5470, 52.6066, 60.2845



14.8513, 24.4631, 8.6424



9.8156, 11.4925, 13.2540



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.



18.7084, 25.9468, 31.6264



31.3647, 45.3860, 55.5268



13.9884, 15.7335, 32.4377



6.3668, 7.0194, 7.8550



13.5045, 20.4652, 24.6748



0.2065, 0.3078, 0.3931

Inverse Universe

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



15.9894, 10.7578, 6.8649



26.0397, 15.5289, 6.9505



18.6403, 16.3427, 6.8753



6.2247, 6.2290, 6.5633



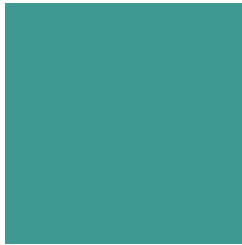
10.9086, 5.6177, 0.7779



0.1670, 0.0855, 0.0321

Previews

White Background



This preview shows how the XYZ color 18.7076, 25.9458, 31.6258 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 18.7076, 25.9458, 31.6258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

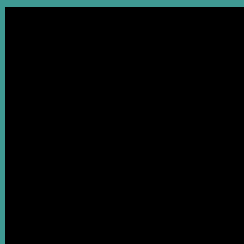
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

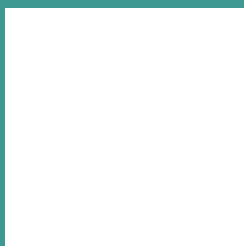
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.7076, 25.9458, 31.6258

Background



This preview shows how black text looks on a background with the XYZ color 18.7076, 25.9458, 31.6258.

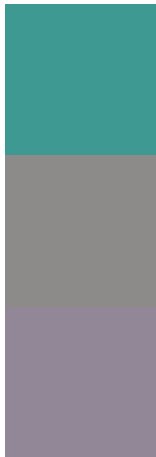


This preview shows how white text looks on a background with the XYZ color 18.7076, 25.9458,

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

18.7076, 25.9458, 31.6258

Protanopia

24.6604, 25.6747, 27.7007

Deuteranopia

26.1039, 25.6733, 32.8578



Tritanopia

20.1317, 26.0428, 38.6160

Trichromacy



Original Color

18.7076, 25.9458, 31.6258

Protanomaly

21.4402, 25.0787, 28.9100

Deuteranomaly

22.3805, 25.2610, 32.5504

Tritanomaly

19.6288, 26.0841, 35.8985

Monochromacy



Original Color

18.7076, 25.9458, 31.6258

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.3771, 21.8462, 25.4385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.7076, 25.9458, 31.6258 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(63, 153, 147)` looks like.

```
.text, #text, p{  
    color:rgb(63, 153, 147)  
}
```

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(63, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 153, 147) }
```

Border

The CSS property to change the border of an element to XYZ 18.7076, 25.9458, 31.6258 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(63, 153, 147) }
```


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

```
.border{ border-color:rgb(63, 153, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 153, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(63, 153,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 18.7076, 25.9458, 31.6258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 153, 147) }
```

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

```
.background{ background-color: rgb(63, 153,  
147) }
```

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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