

Converting Colors

XYZ(18.0655, 25.6159, 31.5466)

Have a look what the booklet for
XYZ(18.0655, 25.6159, 31.5466)
contains.

XYZ(18.0739, 25.6191, 31.5962)	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(18.0739, 25.6191,
31.5962)**

Conversions

Conversions Part 1

Format	Color
Hex	349993
RGB	52, 153, 147
RGB Percent	20%, 60%, 58%
CMY	0.7961, 0.4000, 0.4235
CMYK	0.66, 0.00, 0.04, 0.40
HSL	176°, 49%, 40%
HSV	176°, 66%, 60%
XYZ	18.0739, 25.6191, 31.5962
YIQ	122.1170, -58.2700, -23.2780

Conversions

Conversions Part 2

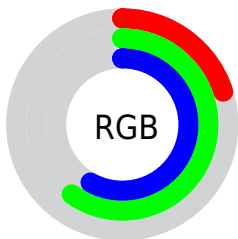
Format	Color
R_{YB}	52, 104, 153
Decimal	3447187
CIE _{Lab}	57.67, -30.03, -5.39
CIE _{LCh}	58, 30.514, 190.168
Yxy	25.6191, 0.2401, 0.3403
Android (android.graphics.Color)	4281637267 (0xFF349993)
YUV	122.1170, 12.2673, -61.4926
Hunter-Lab	50.6153, -24.8374, -1.5806

Details

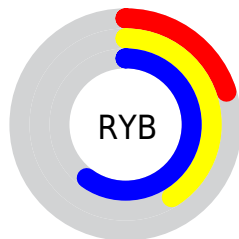
The XYZ color **18.0739, 25.6191, 31.5962** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **15.1295, 9.5346, 5.0469**, and the grayscale version is **18.5126, 19.4767, 21.2101**.

A 20% lighter version of the original color is **39.7806, 52.7735, 63.3480**, and **6.8113, 10.1704, 12.9134** is the 20% darker color. If you saturate the color by 10%, you get **17.3395, 25.2493, 31.1914**, and if you desaturate by 10%, it is **19.0656, 26.1227, 32.0171**.

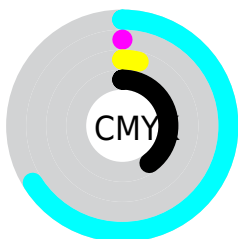
Distribution



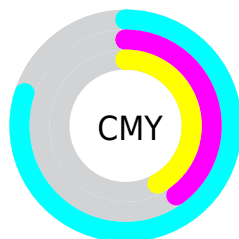
- Red (20%)
- Green (60%)
- Blue (58%)



- Red (20%)
- Yellow (41%)
- Blue (60%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.0739, 25.6191, 31.5962 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 18.0739, 25.6191, 31.5962 by changing the saturation by 10% instead.

■ 18.0739, 25.6191,
31.5962

■ 18.0739, 25.6191,
31.5962

234.3248,
280.9072, 323.7115

■ 11.1031, 16.5389,
20.7910

■ 39.6923, 52.6598,
63.2681

■ 6.2040, 9.9063,
12.7816

■ 55.0706, 71.3891,
84.9718

■ 3.0114, 5.3369,
7.1493

■ 73.9821, 94.1036,
111.1454

■ 1.1598, 2.4462,
3.4758

■ 96.7921, 121.1876,
142.2076

■ 0.0742, 0.8495,
1.3424

■ 123.8660,
153.0256, 178.5767

■ 0.0000, 0.0000,
0.0962

155.5692,

■ 0.0000, 0.0000,

190.0020, 220.6714

0.0000

192.2670,
232.5010, 268.9101

■ 18.0739, 25.6191,
31.5962

■ 18.0739, 25.6191,
31.5962

■ 17.3395, 25.2493,
31.1914

■ 19.0656, 26.1227,
32.0171

■ 16.8345, 24.9971,
30.7998

■ 20.3347, 26.7685,
32.4534

■ 16.5230, 24.8446,
30.4201

■ 21.9017, 27.5680,
32.9065

■ 16.4189, 24.7941,
30.2703

■ 23.7849, 28.5303,
33.3774

■ 26.0006, 29.6640,
33.8669

■ 28.5645, 30.9772,
34.3756

■ 31.4910, 32.4772,
34.9043

■ 34.7938, 34.1711,
35.4536

■ 38.4858, 36.0656,
36.0241

Harmonies

Analogous

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



18.3260, 25.6191, 21.6153



18.0739, 25.6191, 31.5962



19.3705, 25.6191, 42.9748

Triad

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



18.0739, 25.6191, 31.5962



29.1643, 25.6191, 46.2493



26.8101, 25.6191, 12.9356

Complementary

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



18.0739, 25.6191, 31.5962



15.1295, 9.5346, 5.0469

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.



30.1176, 25.6191, 16.8334



18.0739, 25.6191, 31.5962



31.5681, 25.6191, 35.2862

Square

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



18.0739, 25.6191, 31.5962



25.6104, 25.6191, 52.7296



31.9334, 25.6191, 24.4945



23.1320, 25.6191, 12.4175

Rectangle

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



18.0739, 25.6191, 31.5962



21.0225, 25.6191, 49.2204



31.9334, 25.6191, 24.4945



28.0117, 25.6191, 13.8375

Sweetspot

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



18.0747, 25.6201, 31.5968



44.7473, 52.1940, 60.2612



13.7998, 23.9531, 7.1456



9.6581, 11.4111, 13.2567



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.



18.0747, 25.6201, 31.5968



30.5924, 44.9869, 55.5363



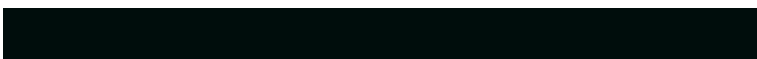
12.6604, 14.0182, 32.1765



6.3687, 7.0202, 7.8651



13.5738, 20.4930, 25.0400



0.2071, 0.3080, 0.3961

Inverse Universe

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



15.1295, 9.5346, 5.0469



24.9463, 14.0080, 4.5332



17.9193, 15.3446, 5.2669



6.2229, 6.2283, 6.5541



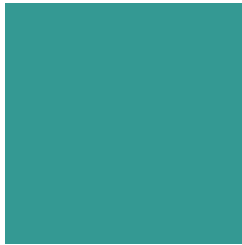
10.9031, 5.6155, 0.7485



0.1665, 0.0853, 0.0295

Previews

White Background



This preview shows how the XYZ color 18.0739, 25.6191, 31.5962 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 18.0739, 25.6191, 31.5962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

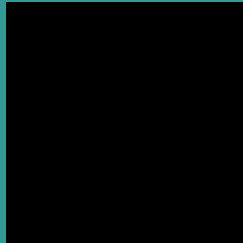
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.0739, 25.6191, 31.5962

Background



This preview shows how black text looks on a background with the XYZ color 18.0739, 25.6191, 31.5962.

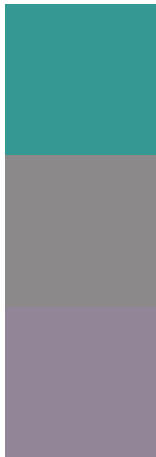


This preview shows how white text looks on a background with the XYZ color 18.0739, 25.6191,

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

18.0739, 25.6191, 31.5962

Protanopia

24.3483, 25.3017, 27.6452

Deuteranopia

25.7881, 25.3043, 32.8032



Tritanopia

19.5409, 25.7382, 38.5884

Trichromacy



Original Color

18.0739, 25.6191, 31.5962

Protanomaly

20.8145, 24.7562, 28.8807

Deuteranomaly

21.5854, 24.6313, 32.4708

Tritanomaly

19.0014, 25.7607, 35.8691

Monochromacy



Original Color

18.0739, 25.6191, 31.5962

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

17.4140, 20.9551, 24.5997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.0739, 25.6191, 31.5962 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(52, 153, 147)` looks like.

```
.text, #text, p{  
  color:rgb(52, 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(52, 153, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 153, 147) }
```

Border

The CSS property to change the border of an element to XYZ 18.0739, 25.6191, 31.5962 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(52, 153, 147) }
```


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

```
.border{ border-color:rgb(52, 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(52, 153, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 153, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 153, 147);  
box-shadow:4px 4px 4px 4px rgb(52, 153,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 18.0739, 25.6191, 31.5962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 153, 147) }
```

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

```
.background{ background-color: rgb(52, 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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