

Converting Colors

XYZ(19.6406, 25.8726, 45.7281)

Have a look what the booklet for
XYZ(19.6406, 25.8726, 45.7281)
contains.

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Color

**XYZ(19.6160, 25.8638,
45.5533)**

Conversions

Conversions Part 1

Format	Color
Hex	1B98B1
RGB	27, 152, 177
RGB Percent	11%, 60%, 69%
CMY	0.8941, 0.4039, 0.3059
CMYK	0.85, 0.14, 0.00, 0.31
HSL	190°, 74%, 40%
HSV	190°, 85%, 69%
XYZ	19.6160, 25.8638, 45.5533
YIQ	117.4750, -82.5250, -18.7250

Conversions

Conversions Part 2

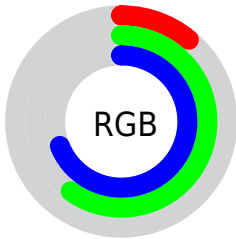
Format	Color
R_{YB}	27, 95, 177
Decimal	1808561
CIE _{Lab}	57.91, -23.09, -22.16
CIE _{LCh}	58, 31.999, 223.821
Yxy	25.8638, 0.2155, 0.2841
Android (android.graphics.Color)	4279998641 (0xFF1B98B1)
YUV	117.4750, 29.3458, -79.3466
Hunter-Lab	50.8565, -20.1490, -17.5079

Details

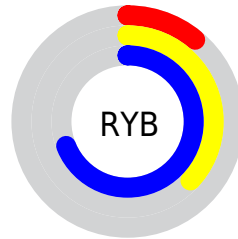
The XYZ color **19.6160, 25.8638, 45.5533** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **19.5582, 11.8835, 2.3007**, and the grayscale version is **16.9875, 17.8722, 19.4628**.

A 20% lighter version of the original color is **42.3876, 53.2755, 85.1399**, and **8.2918, 10.7626, 20.7091** is the 20% darker color. If you saturate the color by 10%, you get **18.8082, 24.7458, 45.3806**, and if you desaturate by 10%, it is **20.7190, 27.1526, 45.7444**.

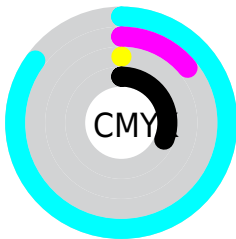
Distribution



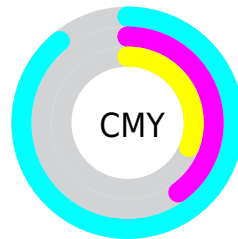
- Red (11%)
- Green (60%)
- Blue (69%)



- Red (11%)
- Yellow (37%)
- Blue (69%)



- Cyan (85%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6160, 25.8638, 45.5533 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 19.6160, 25.8638, 45.5533 by changing the saturation by 10% instead.

■ 19.6160, 25.8638,
45.5533

■ 19.6160, 25.8638,
45.5533

242.7020,
282.1128, 385.2351

■ 12.2229, 16.7218,
31.5473

■ 42.2813, 53.0551,
84.8773

■ 6.9689, 10.0363,
20.7540

■ 58.2842, 71.8732,
111.0324

■ 3.4888, 5.4230,
12.7548

■ 77.8877, 94.6855,
142.0744

■ 1.4172, 2.4976,
7.1312

■ 101.4572,
121.8763, 178.4217

■ 0.2684, 0.8754,
3.4646

■ 129.3580,
153.8300, 220.4928

■ 0.0000, 0.0000,
1.3365

■ 161.9555,

■ 0.0000, 0.0000,

190.9311, 268.7065

0.0914

199.6151,
233.5639, 323.4810

■ 0.0000, 0.0000,
0.0000

■ 19.6160, 25.8638,
45.5533

■ 19.6160, 25.8638,
45.5533

■ 18.8082, 24.7458,
45.3806

■ 20.7190, 27.1526,
45.7444

■ 18.4475, 24.1975,
45.2938

■ 22.1588, 28.6324,
45.9542

■ 23.9729, 30.3230,
46.1849

■ 26.1931, 32.2410,
46.4381

■ 28.8474, 34.4011,
46.7151

■ 31.9618, 36.8166,
47.0172

■ 35.5597, 39.4997,
47.3455

■ 39.6632, 42.4621,
47.7010

■ 44.2929, 45.7144,
48.0847

Harmonies

Analogous

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



18.0683, 25.8638, 33.5396



19.6160, 25.8638, 45.5533



22.5759, 25.8638, 53.8455

Triad

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



19.6160, 25.8638, 45.5533



32.4056, 25.8638, 34.4959



22.8552, 25.8638, 12.1754

Complementary

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



19.6160, 25.8638, 45.5533



19.5582, 11.8835, 2.3007

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.



26.7051, 25.8638, 12.3050



19.6160, 25.8638, 45.5533



32.5005, 25.8638, 23.3910

Square

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



19.6160, 25.8638, 45.5533



30.0770, 25.8638, 46.4091



30.3242, 25.8638, 15.8777



19.8020, 25.8638, 15.4602

Rectangle

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



19.6160, 25.8638, 45.5533



25.0798, 25.8638, 55.0764



30.3242, 25.8638, 15.8777



24.0924, 25.8638, 11.8540

Sweetspot

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



19.6168, 25.8647, 45.5539



56.8302, 65.6233, 84.1666



16.7948, 31.9259, 8.5273



11.8859, 13.8916, 18.1992



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



19.6168, 25.8647, 45.5539



32.8978, 43.0552, 81.0719



11.0428, 8.7167, 42.6959



8.6197, 9.3856, 10.8636



13.4038, 17.6079, 32.8292



0.4537, 0.6179, 1.0436

Inverse Universe

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



24.1916, 12.3988, 30.8248



41.9042, 20.5129, 51.1845



25.9197, 24.6065, 4.4212



8.7880, 8.6219, 10.3820



17.0002, 8.3177, 20.9591



0.5510, 0.2682, 0.7444

Previews

White Background



This preview shows how the XYZ color 19.6160, 25.8638, 45.5533 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 19.6160, 25.8638, 45.5533 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

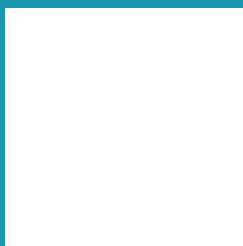
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6160, 25.8638, 45.5533

Background



This preview shows how black text looks on a background with the XYZ color 19.6160, 25.8638, 45.5533.



This preview shows how white text looks on a background with the XYZ color 19.6160, 25.8638,

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

19.6160, 25.8638, 45.5533

Protanopia

25.3443, 25.5500, 39.6723

Deuteranopia

26.1979, 25.6116, 47.2788



Tritanopia

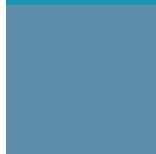
18.4385, 25.8644, 40.0969

Trichromacy



Original Color

19.6160, 25.8638, 45.5533



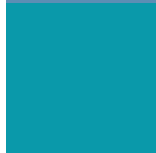
Protanomaly

21.5448, 24.6280, 41.6484



Deuteranomaly

22.3249, 24.9166, 46.8128



Tritanomaly

18.7721, 25.7493, 42.0109

Monochromacy



Original Color

19.6160, 25.8638, 45.5533



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

16.2990, 19.7142, 27.3723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6160, 25.8638, 45.5533 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(27, 152, 177)` looks like.

```
.text, #text, p{  
  color:rgb(27, 152, 177)  
}
```

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(27, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 152, 177) }
```

Border

The CSS property to change the border of an element to XYZ 19.6160, 25.8638, 45.5533 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(27, 152, 177) }
```


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

```
.border{ border-color:rgb(27, 152, 177) }
```

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

Here you see how a box with a 4 pixel rgb(27, 152, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 152, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 152, 177);  
box-shadow:4px 4px 4px 4px rgb(27, 152,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6160, 25.8638, 45.5533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 152, 177) }
```

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

```
.background{ background-color: rgb(27, 152,  
177) }
```

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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