

Converting Colors

XYZ(19.3451, 25.9904, 27.7549)

Have a look what the booklet for
XYZ(19.3451, 25.9904, 27.7549)
contains.

XYZ(19.2381, 25.8242, 27.6375)	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(19.2381, 25.8242,
27.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	549789
RGB	84, 151, 137
RGB Percent	33%, 59%, 54%
CMY	0.6706, 0.4078, 0.4627
CMYK	0.44, 0.00, 0.09, 0.41
HSL	167°, 29%, 46%
HSV	167°, 44%, 59%
XYZ	19.2381, 25.8242, 27.6375
YIQ	129.3710, -35.4380, -18.5580

Conversions

Conversions Part 2

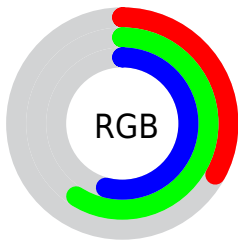
Format	Color
RYB	84, 121, 151
Decimal	5543817
CIELab	57.87, -24.83, 0.73
CIElCh	58, 24.845, 178.317
Yxy	25.8242, 0.2646, 0.3552
Android (android.graphics.Color)	4283733897 (0xFF549789)
YUV	129.3710, 3.7611, -39.7904
Hunter-Lab	50.8175, -21.3555, 3.3269

Details

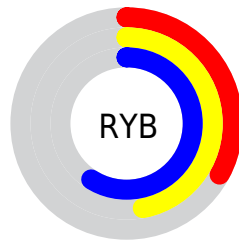
The XYZ color **19.2381, 25.8242, 27.6375** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.1383, 13.8024, 13.2643**, and the grayscale version is **20.9931, 22.0864, 24.0520**.

A 20% lighter version of the original color is **41.6821, 53.1787, 56.7828**, and **6.8129, 10.0785, 10.6031** is the 20% darker color. If you saturate the color by 10%, you get **17.8066, 25.1127, 26.4065**, and if you desaturate by 10%, it is **20.9690, 26.6906, 28.9182**.

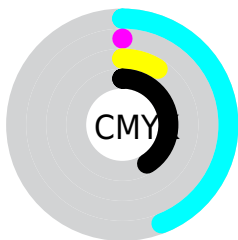
Distribution



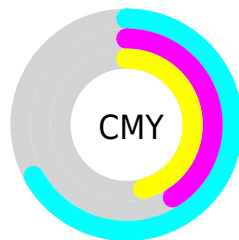
- Red (33%)
- Green (59%)
- Blue (54%)



- Red (33%)
- Yellow (47%)
- Blue (59%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (67%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2381, 25.8242, 27.6375 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 19.2381, 25.8242, 27.6375 by changing the saturation by 10% instead.

■ 19.2381, 25.8242,
27.6375

■ 19.2381, 25.8242,
27.6375

240.6730,
281.9180, 304.5879

■ 11.9475, 16.6922,
17.8159

■ 41.6498, 52.9912,
56.9213

■ 6.7799, 10.0153,
10.6498

■ 57.5016, 71.7950,
77.2206

■ 3.3699, 5.4091,
5.7207

■ 76.9379, 94.5914,
101.8495

■ 1.3523, 2.4892,
2.6100

■ 100.3239,
121.7650, 131.2267

■ 0.2218, 0.8712,
0.8976

■ 128.0251,
153.7000, 165.7705

■ 0.0000, 0.0000,
0.0000

160.4067,

190.7809, 205.8997

197.8343,
233.3921, 252.0326

■ 19.2381, 25.8242,
27.6375

■ 19.2381, 25.8242,
27.6375

■ 17.8066, 25.1127,
26.4065

■ 20.9690, 26.6906,
28.9182

■ 16.6535, 24.5432,
25.2223

■ 23.0145, 27.7178,
30.2479

■ 15.7582, 24.1059,
24.0841

■ 25.3912, 28.9149,
31.6283

■ 15.0964, 23.7883,
22.9905

■ 28.1140, 30.2897,
33.0603

■ 14.6384, 23.5750,
21.9398

■ 31.1967, 31.8493,
34.5448

■ 14.4237, 23.4768,
21.3649

■ 34.6527, 33.6004,
36.0828

■ 38.4943, 35.5496,
37.6750

■ 42.7334, 37.7029,
39.3224

■ 47.3816, 40.0662,
41.0257

Harmonies

Analogous

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



19.9731, 25.8242, 20.3306



19.2381, 25.8242, 27.6375



19.8264, 25.8242, 36.6683

Triad

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



19.2381, 25.8242, 27.6375



27.3727, 25.8242, 45.2350



27.6884, 25.8242, 16.3110

Complementary

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



19.2381, 25.8242, 27.6375



18.1383, 13.8024, 13.2643

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.



29.9588, 25.8242, 21.0126



19.2381, 25.8242, 27.6375



29.7665, 25.8242, 37.6769

Square

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



19.2381, 25.8242, 27.6375



24.3767, 25.8242, 47.9825



30.7481, 25.8242, 28.6044



24.7143, 25.8242, 14.6685

Rectangle

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



19.2381, 25.8242, 27.6375



20.9189, 25.8242, 42.2851



30.7481, 25.8242, 28.6044



28.5679, 25.8242, 17.5321

Sweetspot

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



19.2388, 25.8252, 27.6381



45.9810, 52.0385, 56.9202



17.7605, 25.3999, 12.3545



10.2366, 11.7196, 12.8190



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.



19.2388, 25.8252, 27.6381



31.9599, 45.0075, 47.3559



17.4964, 20.6271, 32.3387



6.3293, 7.0044, 7.6573



12.2806, 19.9757, 18.2303



0.1960, 0.3036, 0.3379

Inverse Universe

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



18.1383, 13.8024, 13.2643



29.7470, 20.7021, 18.3572



19.2121, 16.9173, 10.6407



6.2590, 6.2428, 6.7440



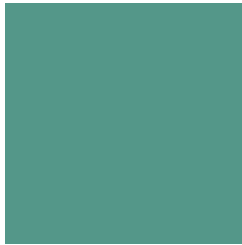
11.0830, 5.6874, 1.6962



0.1769, 0.0895, 0.0845

Previews

White Background



This preview shows how the XYZ color 19.2381, 25.8242, 27.6375 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 19.2381, 25.8242, 27.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

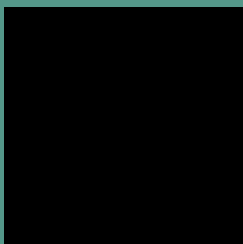
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

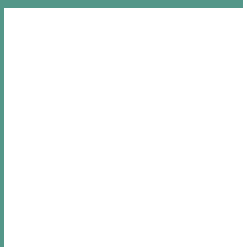
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2381, 25.8242, 27.6375

Background



This preview shows how black text looks on a background with the XYZ color 19.2381, 25.8242, 27.6375.

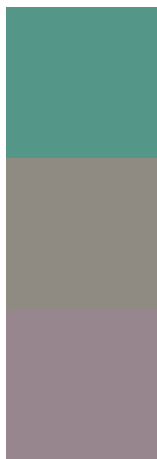


This preview shows how white text looks on a background with the XYZ color 19.2381, 25.8242,

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

19.2381, 25.8242, 27.6375

Protanopia

24.4454, 25.6283, 24.7774

Deuteranopia

26.0953, 25.5526, 28.7561



Tritanopia

21.1515, 25.8915, 37.1405

Trichromacy



Original Color

19.2381, 25.8242, 27.6375

Protanomaly

22.0821, 25.4760, 25.9438

Deuteranomaly

22.8641, 25.1616, 28.4626

Tritanomaly

20.4394, 25.8366, 33.6155

Monochromacy



Original Color

19.2381, 25.8242, 27.6375

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.9206, 23.0680, 25.2324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2381, 25.8242, 27.6375 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(84, 151, 137)` looks like.

```
.text, #text, p{  
  color:rgb(84, 151, 137)  
}
```

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(84, 151, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 151, 137) }
```

Border

The CSS property to change the border of an element to XYZ 19.2381, 25.8242, 27.6375 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(84, 151, 137) }
```


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

```
.border{ border-color:rgb(84, 151, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 151, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 151, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 151, 137);  
box-shadow:4px 4px 4px 4px rgb(84, 151,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2381, 25.8242, 27.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 151, 137) }
```

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

```
.background{ background-color: rgb(84, 151,  
137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor