

Converting Colors

XYZ(19.2877, 18.9394, 25.9454)

Have a look what the booklet for
XYZ(19.2877, 18.9394, 25.9454)
contains.

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Color

**XYZ(19.2627, 18.8601,
25.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	7D7588
RGB	125, 117, 136
RGB Percent	49%, 46%, 53%
CMY	0.5098, 0.5412, 0.4667
CMYK	0.08, 0.14, 0.00, 0.47
HSL	265°, 8%, 50%
HSV	265°, 14%, 53%
XYZ	19.2627, 18.8601, 25.9177
YIQ	121.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

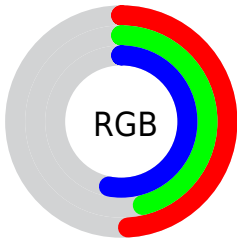
Format	Color
R_{YB}	125, 117, 136
Decimal	8222088
CIE Lab	50.52, 6.96, -9.25
CIE LCh	51, 11.577, 306.937
Yxy	18.8601, 0.3008, 0.2945
Android (android.graphics.Color)	4286412168 (0xFF7D7588)
YUV	121.5580, 7.1199, 3.0186
Hunter-Lab	43.4282, 3.1748, -4.9842

Details

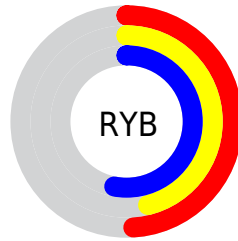
The XYZ color **19.2627, 18.8601, 25.9177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9177, 23.4823, 20.2605**, and the grayscale version is **18.3331, 19.2879, 21.0045**.

A 20% lighter version of the original color is **41.7334, 41.5150, 53.9577**, and **6.7883, 6.4646, 9.6941** is the 20% darker color. If you saturate the color by 10%, you get **16.6876, 15.3491, 25.3760**, and if you desaturate by 10%, it is **22.1603, 22.8801, 26.5412**.

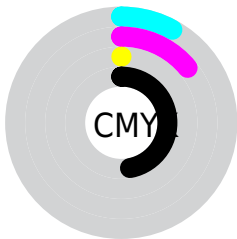
Distribution



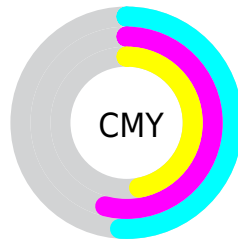
- Red (49%)
- Green (46%)
- Blue (53%)



- Red (49%)
- Yellow (46%)
- Blue (53%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (47%)



- Cyan (51%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2627, 18.8601, 25.9177 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 19.2627, 18.8601, 25.9177 by changing the saturation by 10% instead.

■ 19.2627, 18.8601,
25.9177

■ 19.2627, 18.8601,
25.9177

240.8056,
245.6753, 295.9705

■ 11.9654, 11.5692,
16.5369

■ 41.6910, 41.4976,
54.1246

■ 6.7921, 6.4511,
9.7464

■ 57.5527, 57.6130,
73.7877

■ 3.3776, 3.1213,
5.1277

■ 76.9998, 77.4386,
97.7154

■ 1.3565, 1.1954,
2.2624

100.3978,
101.3590, 126.3261

■ 0.2249, 0.0579,
0.7100

128.1121,
129.7585, 160.0385

■ 0.0000, 0.0000,
0.0000

160.5079,

163.0214, 199.2709

197.9506,
201.5323, 244.4421

■ 19.2627, 18.8601,
25.9177

■ 19.2627, 18.8601,
25.9177

■ 16.6876, 15.3491,
25.3760

■ 22.1603, 22.8801,
26.5412

■ 14.4214, 12.3240,
24.9116

■ 25.3900, 27.4264,
27.2485

■ 12.4518, 9.7631,
24.5211

■ 28.9632, 32.5184,
28.0430

■ 10.7651, 7.6423,
24.2006

■ 32.8900, 38.1736,
28.9276

■ 9.3463, 5.9354,
23.9459

■ 37.1803, 44.4090,
29.9051

8.1789, 4.6129,
23.7522

41.8435, 51.2406,
30.9779

7.2445, 3.6416,
23.6140

46.8887, 58.6840,
32.1487

6.5202, 2.9801,
23.5244

52.3245, 66.7541,
33.4199

6.1462, 2.6551,
23.4814

58.1594, 75.4652,
34.7938

Harmonies

Analogous

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



18.1895, 18.8601, 27.3476



19.2627, 18.8601, 25.9177



19.9989, 18.8601, 23.0691

Triad

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



19.2627, 18.8601, 25.9177



18.7901, 18.8601, 15.3289



15.8558, 18.8601, 21.2957

Complementary

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



19.2627, 18.8601, 25.9177



20.9177, 23.4823, 20.2605

Split Complementary

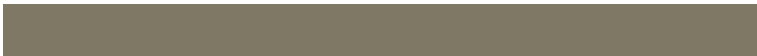
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16.0015, 18.8601, 18.1944



19.2627, 18.8601, 25.9177



17.6650, 18.8601, 14.9603

Square

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



19.2627, 18.8601, 25.9177



19.7181, 18.8601, 17.0206



16.6525, 18.8601, 15.9552



16.2458, 18.8601, 24.5036

Rectangle

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



19.2627, 18.8601, 25.9177



20.1828, 18.8601, 20.8695



16.6525, 18.8601, 15.9552



15.8440, 18.8601, 20.2049

Sweetspot

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



19.2633, 18.8609, 25.9181



38.9890, 40.2324, 46.7590



19.5107, 21.0202, 26.3219



8.9449, 9.1993, 10.8105



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



19.2633, 18.8609, 25.9181



32.3416, 31.0356, 45.3343



20.7038, 19.6035, 25.9855



4.9612, 4.9884, 6.3072



5.8273, 2.5182, 22.2246



0.0548, 0.0250, 0.1484

Inverse Universe

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



20.4115, 19.5161, 23.1140



34.8209, 32.4511, 39.2464



19.5664, 22.7857, 20.1973



5.1463, 5.0939, 5.8587



10.9413, 5.4867, 7.4614



0.0800, 0.0394, 0.0882

Previews

White Background



This preview shows how the XYZ color 19.2627, 18.8601, 25.9177 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 19.2627, 18.8601, 25.9177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

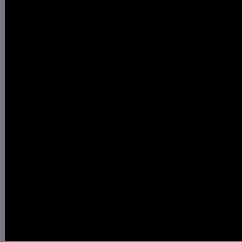
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2627, 18.8601, 25.9177

Background



This preview shows how black text looks on a background with the XYZ color 19.2627, 18.8601, 25.9177.



This preview shows how white text looks on a background with the XYZ color 19.2627, 18.8601,

25.9177.

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

19.2627, 18.8601, 25.9177

Protanopia

18.5204, 18.8105, 26.6994

Deuteranopia

19.2627, 18.8601, 25.9177



Tritanopia

18.6869, 18.8005, 23.0660

Trichromacy



Original Color

19.2627, 18.8601, 25.9177

Protanomaly

18.7395, 18.7561, 26.2995

Deuteranomaly

19.2627, 18.8601, 25.9177

Tritanomaly

18.8873, 18.8806, 24.1216

Monochromacy



Original Color

19.2627, 18.8601, 25.9177

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.7156, 19.1762, 22.7936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2627, 18.8601, 25.9177 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(125, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(125, 117, 136)  
}
```

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(125, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 117, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.2627, 18.8601, 25.9177 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(125, 117, 136) }
```


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

```
.border{ border-color:rgb(125, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(125, 117,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2627, 18.8601, 25.9177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 117, 136) }
```

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

```
.background{ background-color: rgb(125,  
117, 136) }
```

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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