

Converting Colors

XYZ(18.3591, 25.7169, 19.8829)

Have a look what the booklet for
XYZ(18.3591, 25.7169, 19.8829)
contains.

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Color

**XYZ(18.3853, 25.7952,
19.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	599872
RGB	89, 152, 114
RGB Percent	35%, 60%, 45%
CMY	0.6510, 0.4039, 0.5529
CMYK	0.41, 0.00, 0.25, 0.40
HSL	144°, 26%, 47%
HSV	144°, 41%, 60%
XYZ	18.3853, 25.7952, 19.9296
YIQ	128.8310, -25.3500, -25.1740

Conversions

Conversions Part 2

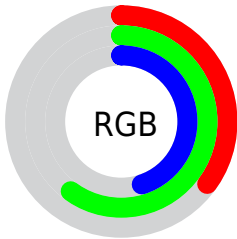
Format	Color
R_{YB}	89, 134, 152
Decimal	5871730
CIE _{Lab}	57.84, -29.12, 13.76
CIE _{LCh}	58, 32.206, 154.710
Yxy	25.7952, 0.2868, 0.4024
Android (android.graphics.Color)	4284061810 (0xFF599872)
YUV	128.8310, -7.3117, -34.9318
Hunter-Lab	50.7890, -24.2648, 12.2869

Details

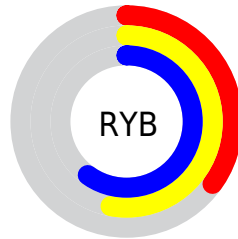
The XYZ color **18.3853, 25.7952, 19.9296** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3528, 15.3530, 21.9702**, and the grayscale version is **20.8387, 21.9240, 23.8752**.

A 20% lighter version of the original color is **40.3511, 53.1296, 44.2047**, and **6.3035, 9.9010, 6.7331** is the 20% darker color. If you saturate the color by 10%, you get **16.5787, 24.9219, 17.2563**, and if you desaturate by 10%, it is **20.5468, 26.8469, 22.8938**.

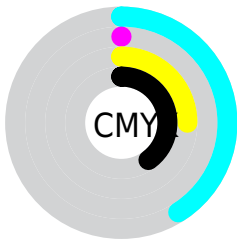
Distribution



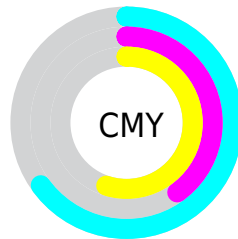
- Red (35%)
- Green (60%)
- Blue (45%)



- Red (35%)
- Yellow (53%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3853, 25.7952, 19.9296 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 18.3853, 25.7952, 19.9296 by changing the saturation by 10% instead.

■ 18.3853, 25.7952,
19.9296

■ 18.3853, 25.7952,
19.9296

236.0377,
281.7753, 264.1254

■ 11.3283, 16.6705,
12.1603

■ 40.2177, 52.9444,
44.1565

■ 6.3570, 9.9998,
6.7291

■ 55.7239, 71.7376,
61.4513

■ 3.1061, 5.3989,
3.2174

■ 74.7772, 94.5225,
82.7582

■ 1.2101, 2.4831,
1.2067

■ 97.7429, 121.6834,
108.4960

■ 0.1143, 0.8682,
0.0000

124.9865,
153.6048, 139.0830

■ 0.0000, 0.0000,
0.0000

156.8733,

190.6709, 174.9379

193.7685,
233.2663, 216.4792

■ 18.3853, 25.7952,
19.9296

■ 18.3853, 25.7952,
19.9296

■ 16.5787, 24.9219,
17.2563

■ 20.5468, 26.8469,
22.8938

■ 15.1047, 24.2134,
14.8631

■ 23.0798, 28.0831,
26.1556

■ 13.9416, 23.6596,
12.7412


■ 26.0020, 29.5136,
29.7238


■ 13.0642, 23.2476,
10.8806


■ 29.3296, 31.1465,
33.6062

■ 12.4429, 22.9623,
9.2707

■ 33.0778, 32.9896,
37.8105

 12.0528, 22.7870,
8.0823

 37.2610, 35.0501,
42.3438

 41.8928, 37.3349,
47.2132

 46.9863, 39.8506,
52.4256

 52.5541, 42.6036,
57.9876

Harmonies

Analogous

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



20.5192, 25.7952, 13.9561



18.3853, 25.7952, 19.9296



17.8231, 25.7952, 29.8734

Triad

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



18.3853, 25.7952, 19.9296



25.1338, 25.7952, 55.1346



31.1585, 25.7952, 17.6139

Complementary

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



18.3853, 25.7952, 19.9296



20.3528, 15.3530, 21.9702

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.



32.7080, 25.7952, 26.3725



18.3853, 25.7952, 19.9296



29.0043, 25.7952, 49.5041

Square

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



18.3853, 25.7952, 19.9296



21.4736, 25.7952, 52.1021



31.8811, 25.7952, 38.2116



27.8364, 25.7952, 12.8866

Rectangle

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



18.3853, 25.7952, 19.9296



18.3590, 25.7952, 37.9720



31.8811, 25.7952, 38.2116



31.9190, 25.7952, 20.0855

Sweetspot

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



18.3860, 25.7963, 19.9302



45.4635, 51.8811, 51.9486



21.9118, 27.7564, 13.6541



10.1895, 11.7215, 11.6347



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.



18.3860, 25.7963, 19.9302



29.3998, 44.0543, 30.6707



20.4327, 26.6150, 30.7082



6.2286, 6.9642, 7.1273



10.1200, 19.1115, 6.8527



0.1685, 0.2926, 0.1929

Inverse Universe

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



20.3528, 15.3530, 21.9702



33.3595, 22.9986, 34.7550



18.6494, 14.6716, 13.0003



6.3573, 6.2821, 7.2618



12.4811, 6.2467, 9.0583



0.2045, 0.1005, 0.2295

Previews

White Background



This preview shows how the XYZ color 18.3853, 25.7952, 19.9296 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 18.3853, 25.7952, 19.9296 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 18.3853, 25.7952, 19.9296

Background



This preview shows how black text looks on a background with the XYZ color 18.3853, 25.7952, 19.9296.



This preview shows how white text looks on a background with the XYZ color 18.3853, 25.7952,

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

18.3853, 25.7952, 19.9296

Protanopia

23.7749, 25.4415, 17.5676

Deuteranopia

25.9556, 25.4540, 20.6846



Tritanopia

21.5960, 25.6790, 36.1661

Trichromacy



Original Color

18.3853, 25.7952, 19.9296

Protanomaly

21.2411, 25.2063, 18.4976

Deuteranomaly

22.4205, 25.1089, 20.4944

Tritanomaly

20.1917, 25.5657, 29.4616

Monochromacy



Original Color

18.3853, 25.7952, 19.9296

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

19.5232, 22.9240, 22.4646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3853, 25.7952, 19.9296 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(89, 152, 114)` looks like.

```
.text, #text, p{  
  color:rgb(89, 152, 114)  
}
```

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(89, 152, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 152, 114) }
```

Border

The CSS property to change the border of an element to XYZ 18.3853, 25.7952, 19.9296 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(89, 152, 114) }
```


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

```
.border{ border-color:rgb(89, 152, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 152, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 152, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 152, 114);  
box-shadow:4px 4px 4px 4px rgb(89, 152,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3853, 25.7952, 19.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 152, 114) }
```

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

```
.background{ background-color: rgb(89, 152,  
114) }
```

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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