

Converting Colors

XYZ(18.5326, 25.9896, 25.6275)

Have a look what the booklet for
XYZ(18.5326, 25.9896, 25.6275)
contains.

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Color

**XYZ(18.5485, 25.9989,
25.5134)**

Conversions

Conversions Part 1

Format	Color
Hex	4D9983
RGB	77, 153, 131
RGB Percent	30%, 60%, 51%
CMY	0.6980, 0.4000, 0.4863
CMYK	0.50, 0.00, 0.14, 0.40
HSL	163°, 33%, 45%
HSV	163°, 50%, 60%
XYZ	18.5485, 25.9989, 25.5134
YIQ	127.7680, -38.2340, -22.9540

Conversions

Conversions Part 2

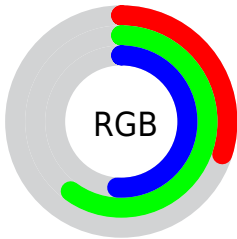
Format	Color
RYB	77, 121, 153
Decimal	5085571
CIELab	58.04, -29.10, 4.35
CIElCh	58, 29.424, 171.503
Yxy	25.9989, 0.2647, 0.3711
Android (android.graphics.Color)	4283275651 (0xFF4D9983)
YUV	127.7680, 1.5934, -44.5235
Hunter-Lab	50.9891, -24.2973, 6.0255

Details

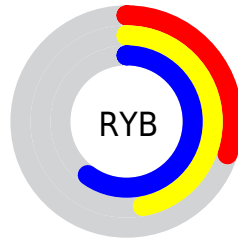
The XYZ color **18.5485, 25.9989, 25.5134** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.0437, 12.9815, 13.3600**, and the grayscale version is **20.4422, 21.5067, 23.4208**.

A 20% lighter version of the original color is **40.5677, 53.3977, 53.5161**, and **6.4078, 10.0357, 9.5820** is the 20% darker color. If you saturate the color by 10%, you get **17.1625, 25.3190, 23.9152**, and if you desaturate by 10%, it is **20.2391, 26.8357, 27.1940**.

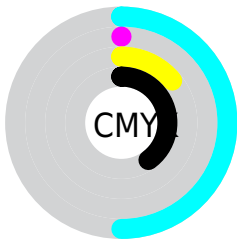
Distribution



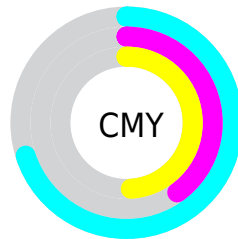
- Red (30%)
- Green (60%)
- Blue (51%)



- Red (30%)
- Yellow (47%)
- Blue (60%)



- Cyan (50%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (70%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5485, 25.9989, 25.5134 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 18.5485, 25.9989, 25.5134 by changing the saturation by 10% instead.

■ 18.5485, 25.9989,
25.5134

■ 18.5485, 25.9989,
25.5134

236.9310,
282.7767, 293.9142

■ 11.4466, 16.8228,
16.2375

■ 40.4926, 53.2732,
53.4633

■ 6.4375, 10.1082,
9.5362

■ 56.0654, 72.1402,
72.9744

■ 3.1561, 5.4708,
4.9910

■ 75.1926, 95.0062,
96.7342

■ 1.2368, 2.5260,
2.1833

■ 98.2394, 122.2558,
125.1614

■ 0.1352, 0.8896,
0.6647

■ 125.5714,
154.2732, 158.6744

■ 0.0000, 0.0000,
0.0000

157.5537,

191.4429, 197.6919

194.5518,
234.1493, 242.6323

■ 18.5485, 25.9989,
25.5134

■ 18.5485, 25.9989,
25.5134

■ 17.1625, 25.3190,
23.9152

■ 20.2391, 26.8357,
27.1940

■ 16.0583, 24.7822,
22.3958

■ 22.2511, 27.8359,
28.9569

■ 15.2128, 24.3774,
20.9539

■ 24.6023, 29.0096,
30.8043

■ 14.5986, 24.0904,
19.5872

■ 27.3089, 30.3649,
32.7377

■ 14.1504, 23.8876,
18.2920

■ 30.3858, 31.9095,
34.7586

■ 14.1364, 23.8812,
18.2507

■ 33.8470, 33.6507,
36.8685

■ 37.7059, 35.5954,
39.0686

■ 41.9752, 37.7500,
41.3604

■ 46.6671, 40.1208,
43.7450

Harmonies

Analogous

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



19.7382, 25.9989, 17.7877



18.5485, 25.9989, 25.5134



18.8815, 25.9989, 36.1076

Triad

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



18.5485, 25.9989, 25.5134



27.3024, 25.9989, 50.7075



29.2149, 25.9989, 15.5850

Complementary

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



18.5485, 25.9989, 25.5134



18.0437, 12.9815, 13.3600

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.



31.6320, 25.9989, 21.7218



18.5485, 25.9989, 25.5134



30.4563, 25.9989, 42.3260

Square

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



18.5485, 25.9989, 25.5134



23.7149, 25.9989, 52.4193



32.1069, 25.9989, 31.3004



25.7349, 25.9989, 13.0256

Rectangle

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



18.5485, 25.9989, 25.5134



19.9374, 25.9989, 43.3634



32.1069, 25.9989, 31.3004



30.1920, 25.9989, 17.2166

Sweetspot

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



18.5492, 25.9999, 25.5140



46.0996, 52.9723, 56.6610



17.9650, 26.0173, 11.0966



9.9776, 11.5958, 12.3651



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.



18.5492, 25.9999, 25.5140



30.4043, 45.1803, 42.4071



17.8709, 21.9982, 33.4423



6.3083, 6.9960, 7.5470



11.6979, 19.7426, 15.1618



0.1904, 0.3014, 0.3083

Inverse Universe

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



18.0437, 12.9815, 13.3600



29.4066, 19.0189, 18.0729



18.3217, 14.9978, 8.9508



6.2787, 6.2506, 6.8477



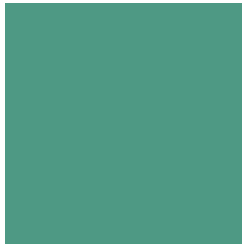
11.2507, 5.7545, 2.5793



0.1825, 0.0918, 0.1141

Previews

White Background



This preview shows how the XYZ color 18.5485, 25.9989, 25.5134 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 18.5485, 25.9989, 25.5134 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 18.5485, 25.9989, 25.5134

Background



This preview shows how black text looks on a background with the XYZ color 18.5485, 25.9989, 25.5134.



This preview shows how white text looks on a background with the XYZ color 18.5485, 25.9989,

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

18.5485, 25.9989, 25.5134

Protanopia

24.3407, 25.6268, 22.4025

Deuteranopia

26.0351, 25.5718, 26.4853



Tritanopia

21.0182, 26.0465, 37.6379

Trichromacy



Original Color

18.5485, 25.9989, 25.5134

Protanomaly

21.3341, 25.1443, 23.4676

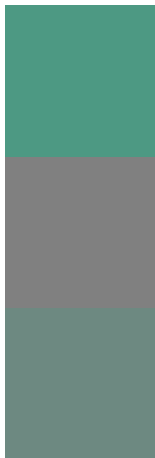
Deuteranomaly

22.2854, 25.1310, 26.2305

Tritanomaly

19.9786, 25.8537, 32.7914

Monochromacy



Original Color

18.5485, 25.9989, 25.5134

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.2148, 22.7275, 24.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5485, 25.9989, 25.5134 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(77, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(77, 153, 131)  
}
```

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(77, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 153, 131) }
```

Border

The CSS property to change the border of an element to XYZ 18.5485, 25.9989, 25.5134 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(77, 153, 131) }
```


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

```
.border{ border-color:rgb(77, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 153, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 153, 131);  
box-shadow:4px 4px 4px 4px rgb(77, 153,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5485, 25.9989, 25.5134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 153, 131) }
```

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

```
.background{ background-color: rgb(77, 153,  
131) }
```

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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