

Converting Colors

XYZ(19.5823, 25.9084, 26.0190)

Have a look what the booklet for
XYZ(19.5823, 25.9084, 26.0190)
contains.

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Color

**XYZ(19.5536, 25.7815,
26.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	5C9685
RGB	92, 150, 133
RGB Percent	36%, 59%, 52%
CMY	0.6392, 0.4118, 0.4784
CMYK	0.39, 0.00, 0.11, 0.41
HSL	162°, 24%, 47%
HSV	162°, 39%, 59%
XYZ	19.5536, 25.7815, 26.1360
YIQ	130.7200, -29.1110, -17.5830

Conversions

Conversions Part 2

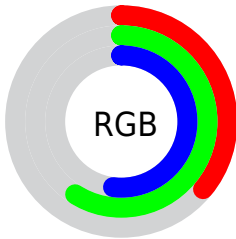
Format	Color
R_{YB}	92, 126, 150
Decimal	6067845
CIE _{Lab}	57.83, -23.06, 3.00
CIE _{LCh}	58, 23.257, 172.599
Yxy	25.7815, 0.2736, 0.3607
Android (android.graphics.Color)	4284257925 (0xFF5C9685)
YUV	130.7200, 1.1240, -33.9574
Hunter-Lab	50.7755, -20.1169, 5.0241

Details

The XYZ color **19.5536, 25.7815, 26.1360** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.1660, 15.2431, 16.4010**, and the grayscale version is **21.4777, 22.5962, 24.6073**.

A 20% lighter version of the original color is **42.1328, 52.7506, 54.4156**, and **6.9765, 10.0352, 9.9568** is the 20% darker color. If you saturate the color by 10%, you get **17.9037, 24.9660, 24.5064**, and if you desaturate by 10%, it is **21.5144, 26.7572, 27.8476**.

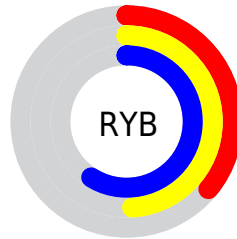
Distribution



Red (36%)

Green (59%)

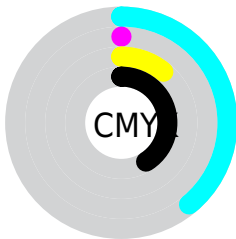
Blue (52%)



Red (36%)

Yellow (49%)

Blue (59%)

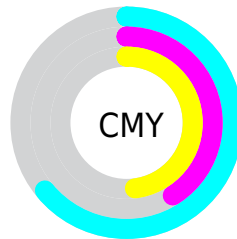


Cyan (39%)

Magenta (0%)

Yellow (11%)

Black (41%)



Cyan (64%)

Magenta (41%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5536, 25.7815, 26.1360 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 19.5536, 25.7815, 26.1360 by changing the saturation by 10% instead.

■ 19.5536, 25.7815,
26.1360

■ 19.5536, 25.7815,
26.1360

242.3680,
281.7078, 297.0757

■ 12.1773, 16.6603,
16.6987

■ 42.1772, 52.9222,
54.4810

■ 6.9376, 9.9926,
9.8602

■ 58.1552, 71.7105,
74.2259

■ 3.4691, 5.3940,
5.2020

■ 77.7312, 94.4899,
98.2437

■ 1.4064, 2.4803,
2.3055

■ 101.2705,
121.6449, 126.9530

■ 0.2608, 0.8667,
0.7343

129.1385,
153.5597, 160.7723

■ 0.0000, 0.0000,
0.0000

161.7005,

190.6189, 200.1202

199.3219,
233.2068, 245.4151

■ 19.5536, 25.7815,
26.1360

■ 19.5536, 25.7815,
26.1360

■ 17.9037, 24.9660,
24.5064

■ 21.5144, 26.7572,
27.8476

■ 16.5447, 24.2983,
22.9555

■ 23.8003, 27.8982,
29.6411

■ 15.4578, 23.7695,
21.4821

■ 26.4270, 29.2135,
31.5185

■ 14.6208, 23.3681,
20.0844

■ 29.4088, 30.7104,
33.4812

■ 14.0081, 23.0809,
18.7603

■ 32.7591, 32.3956,
35.5307

■ 13.5657, 22.8801,
17.5063

■ 36.4904, 34.2757,
37.6682

■ 13.5101, 22.8550,
17.3440

■ 40.6148, 36.3569,
39.8950

■ 45.1438, 38.6451,
42.2124

■ 50.0884, 41.1459,
44.6216

Harmonies

Analogous

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



20.4796, 25.7815, 19.7249



19.5536, 25.7815, 26.1360



19.8717, 25.7815, 34.4092

Triad

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



19.5536, 25.7815, 26.1360



26.6276, 25.7815, 44.8074



27.9147, 25.7815, 17.5369

Complementary

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



19.5536, 25.7815, 26.1360



19.1660, 15.2431, 16.4010

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.



29.8067, 25.7815, 22.5644



19.5536, 25.7815, 26.1360



29.0250, 25.7815, 38.4927

Square

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



19.5536, 25.7815, 26.1360



23.8190, 25.7815, 46.2614



30.2277, 25.7815, 30.1006



25.2031, 25.7815, 15.4110

Rectangle

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



19.5536, 25.7815, 26.1360



20.7587, 25.7815, 39.8272



30.2277, 25.7815, 30.1006



28.6758, 25.7815, 18.8920

Sweetspot

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



19.5543, 25.7825, 26.1366



44.9105, 50.6885, 54.4210



19.1949, 25.8632, 14.1060



9.8347, 11.1741, 11.9766



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.5543, 25.7825, 26.1366



32.0692, 44.2916, 43.7428



19.0654, 22.7702, 32.2457



5.8924, 6.5336, 7.0443



11.2189, 18.9603, 14.4600



0.1502, 0.2372, 0.2449

Inverse Universe

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



19.1660, 15.2431, 16.4010



31.2951, 23.1081, 24.2069



19.4204, 17.0777, 12.3983



5.8666, 5.8417, 6.4036



10.8209, 5.5334, 2.5378



0.1441, 0.0724, 0.0922

Previews

White Background



This preview shows how the XYZ color 19.5536, 25.7815, 26.1360 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 19.5536, 25.7815, 26.1360 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 19.5536, 25.7815, 26.1360

Background



This preview shows how black text looks on a background with the XYZ color 19.5536, 25.7815, 26.1360.



This preview shows how white text looks on a background with the XYZ color 19.5536, 25.7815,

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

19.5536, 25.7815, 26.1360

Protanopia

24.3560, 25.6126, 23.3987

Deuteranopia

25.9179, 25.5032, 26.8491



Tritanopia

21.4874, 25.6231, 36.1610

Trichromacy



Original Color

19.5536, 25.7815, 26.1360

Protanomaly

22.0929, 25.2910, 24.4861

Deuteranomaly

22.9572, 25.2513, 26.5857

Tritanomaly

20.6824, 25.5242, 32.2703

Monochromacy



Original Color

19.5536, 25.7815, 26.1360

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

20.5895, 23.6248, 25.3047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5536, 25.7815, 26.1360 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(92, 150, 133)` looks like.

```
.text, #text, p{  
    color:rgb(92, 150, 133)  
}
```

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(92, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 150, 133) }
```

Border

The CSS property to change the border of an element to XYZ 19.5536, 25.7815, 26.1360 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(92, 150, 133) }
```


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

```
.border{ border-color:rgb(92, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(92, 150,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5536, 25.7815, 26.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 150, 133) }
```

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

```
.background{ background-color: rgb(92, 150,  
133) }
```

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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