

Converting Colors

XYZ(19.5944, 25.8939, 26.8789)

Have a look what the booklet for
XYZ(19.5944, 25.8939, 26.8789)
contains.

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Color

**XYZ(19.4960, 25.7356,
26.8616)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9687
RGB	90, 150, 135
RGB Percent	35%, 59%, 53%
CMY	0.6470, 0.4118, 0.4706
CMYK	0.40, 0.00, 0.10, 0.41
HSL	165°, 25%, 47%
HSV	165°, 40%, 59%
XYZ	19.4960, 25.7356, 26.8616
YIQ	130.3500, -30.9450, -17.3850

Conversions

Conversions Part 2

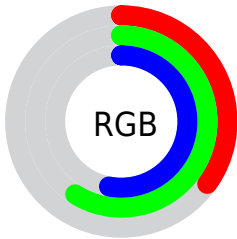
Format	Color
R _Y B	90, 124, 150
Decimal	5936775
CIE Lab	57.79, -23.16, 1.78
CIE LCh	58, 23.232, 175.605
Yxy	25.7356, 0.2704, 0.3570
Android (android.graphics.Color)	4284126855 (0xFF5A9687)
YUV	130.3500, 2.2925, -35.3869
Hunter-Lab	50.7303, -20.1792, 4.1172

Details

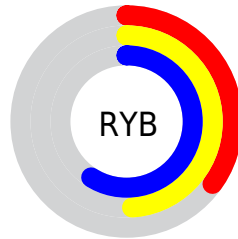
The XYZ color **19.4960, 25.7356, 26.8616** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.7846, 14.8170, 15.2356**, and the grayscale version is **21.3427, 22.4541, 24.4526**.

A 20% lighter version of the original color is **41.9977, 52.6562, 55.5271**, and **6.9009, 9.9916, 10.1592** is the 20% darker color. If you saturate the color by 10%, you get **17.9224, 24.9550, 25.4341**, and if you desaturate by 10%, it is **21.3749, 26.6738, 28.3530**.

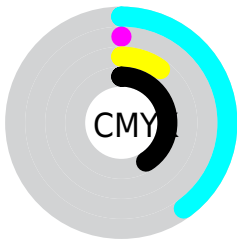
Distribution



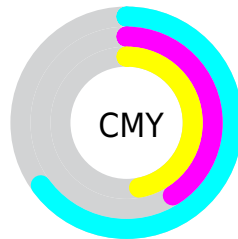
- Red (35%)
- Green (59%)
- Blue (53%)



- Red (35%)
- Yellow (49%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4960, 25.7356, 26.8616 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 19.4960, 25.7356, 26.8616 by changing the saturation by 10% instead.

■ 19.4960, 25.7356,
26.8616

■ 19.4960, 25.7356,
26.8616

242.0593,
281.4817, 300.7253

■ 12.1353, 16.6259,
17.2378

■ 42.0810, 52.8481,
55.6627

■ 6.9088, 9.9682,
10.2404

■ 58.0360, 71.6197,
75.6771

■ 3.4509, 5.3779,
5.4510

■ 77.5866, 94.3808,
99.9922

■ 1.3965, 2.4706,
2.4509

■ 101.0980,
121.5157, 129.0263

■ 0.2537, 0.8619,
0.8140

128.9356,
153.4089, 163.1982

■ 0.0000, 0.0000,
0.0000

161.4648,

190.4447, 202.9263

199.0509,
233.0075, 248.6291

■ 19.4960, 25.7356,
26.8616

■ 19.4960, 25.7356,
26.8616

■ 17.9224, 24.9550,
25.4341

■ 21.3749, 26.6738,
28.3530

■ 16.6338, 24.3197,
24.0675

■ 23.5732, 27.7749,
29.9079

■ 15.6113, 23.8204,
22.7610


■ 26.1070, 29.0479,
31.5280


■ 14.8324, 23.4456,
21.5128


■ 28.9904, 30.5000,
33.2145


■ 14.2707, 23.1819,
20.3215


■ 32.2368, 32.1382,
34.9685


 13.8593, 22.9945,
19.1831

 35.8590, 33.9689,
36.7909

 13.8592, 22.9945,
19.1831

 39.8691, 35.9984,
38.6829

 44.2784, 38.2327,
40.6454

 49.0981, 40.6773,
42.6794

Harmonies

Analogous

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



20.2989, 25.7356, 20.2133



19.4960, 25.7356, 26.8616



19.9383, 25.7356, 35.1937

Triad

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



19.4960, 25.7356, 26.8616



26.8514, 25.7356, 44.2713



27.6157, 25.7356, 17.1668

Complementary

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



19.4960, 25.7356, 26.8616



18.7846, 14.8170, 15.2356

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.



29.6204, 25.7356, 21.8969



19.4960, 25.7356, 26.8616



29.1562, 25.7356, 37.6194

Square

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



19.4960, 25.7356, 26.8616



24.0524, 25.7356, 46.2850



30.2044, 25.7356, 29.2147



24.8740, 25.7356, 15.3327

Rectangle

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



19.4960, 25.7356, 26.8616



20.8991, 25.7356, 40.4849



30.2044, 25.7356, 29.2147



28.4061, 25.7356, 18.4213

Sweetspot

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



19.4967, 25.7366, 26.8622



45.0183, 50.7316, 54.9882



18.6965, 25.6161, 13.6324



9.8607, 11.1845, 12.1134



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.



19.4967, 25.7366, 26.8622



31.8961, 44.1712, 45.1443



18.5265, 21.9849, 32.1224



5.9028, 6.5377, 7.0990



11.5073, 19.0757, 15.9791



0.1526, 0.2382, 0.2576

Inverse Universe

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



18.7846, 14.8170, 15.2356



30.4691, 22.1629, 21.7521



19.3743, 17.1237, 11.9575



5.8568, 5.8378, 6.3518



10.7266, 5.4957, 2.0414



0.1416, 0.0714, 0.0796

Previews

White Background



This preview shows how the XYZ color 19.4960, 25.7356, 26.8616 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 19.4960, 25.7356, 26.8616 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

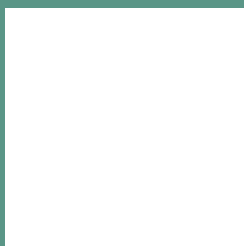
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4960, 25.7356, 26.8616

Background



This preview shows how black text looks on a background with the XYZ color 19.4960, 25.7356, 26.8616.

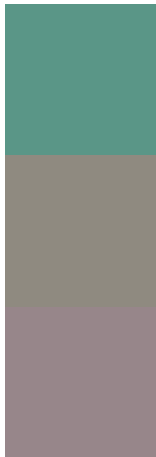


This preview shows how white text looks on a background with the XYZ color 19.4960, 25.7356,

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

19.4960, 25.7356, 26.8616

Protanopia

24.3125, 25.5751, 24.0772

Deuteranopia

25.8750, 25.4645, 27.5961



Tritanopia

21.4291, 25.8229, 36.2026

Trichromacy



Original Color

19.4960, 25.7356, 26.8616

Protanomaly

22.0819, 25.2698, 25.1864

Deuteranomaly

22.9467, 25.2294, 27.3273

Tritanomaly

20.7110, 25.7615, 32.7350

Monochromacy



Original Color

19.4960, 25.7356, 26.8616

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.1807, 23.2021, 25.2446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4960, 25.7356, 26.8616 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(90, 150, 135)` looks like.

```
.text, #text, p{  
    color:rgb(90, 150, 135)  
}
```

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(90, 150, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 150, 135) }
```

Border

The CSS property to change the border of an element to XYZ 19.4960, 25.7356, 26.8616 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(90, 150, 135) }
```


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

```
.border{ border-color:rgb(90, 150, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 150, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 150, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 150, 135);  
box-shadow:4px 4px 4px 4px rgb(90, 150,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4960, 25.7356, 26.8616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 150, 135) }
```

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

```
.background{ background-color: rgb(90, 150,  
135) }
```

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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