

Converting Colors

XYZ(16.5987, 26.0092, 25.7005)

Have a look what the booklet for
XYZ(16.5987, 26.0092, 25.7005)
contains.

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Color

**XYZ(16.5546, 25.9593,
25.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	199D83
RGB	25, 157, 131
RGB Percent	10%, 62%, 51%
CMY	0.9019, 0.3843, 0.4863
CMYK	0.84, 0.00, 0.17, 0.38
HSL	168°, 73%, 36%
HSV	168°, 84%, 62%
XYZ	16.5546, 25.9593, 25.6109
YIQ	114.5680, -70.3260, -36.0700

Conversions

Conversions Part 2

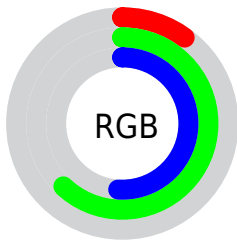
Format	Color
RYB	25, 98, 157
Decimal	1678723
CIELab	58.00, -39.73, 4.13
CIELCh	58, 39.941, 174.071
Yxy	25.9593, 0.2430, 0.3811
Android (android.graphics.Color)	4279868803 (0xFF199D83)
YUV	114.5680, 8.1010, -78.5511
Hunter-Lab	50.9503, -31.1653, 5.8622

Details

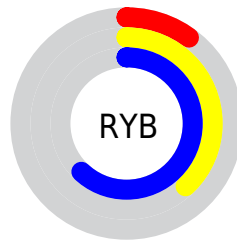
The XYZ color **16.5546, 25.9593, 25.6109** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **14.8507, 8.1031, 3.9144**, and the grayscale version is **16.1576, 16.9991, 18.5120**.

A 20% lighter version of the original color is **37.0191, 53.0345, 53.6330**, and **6.5746, 10.7123, 9.7038** is the 20% darker color. If you saturate the color by 10%, you get **16.0642, 25.7310, 24.5105**, and if you desaturate by 10%, it is **17.2699, 26.3041, 26.7557**.

Distribution



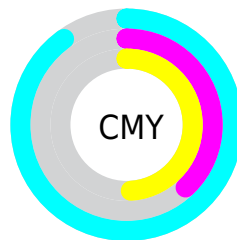
- Red (10%)
- Green (62%)
- Blue (51%)



- Red (10%)
- Yellow (38%)
- Blue (62%)



- Cyan (84%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)




- Cyan (90%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.5546, 25.9593, 25.6109 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 16.5546, 25.9593, 25.6109 by changing the saturation by 10% instead.


 16.5546, 25.9593,
25.6109


 16.5546, 25.9593,
25.6109


225.7991,
282.5822, 294.4112


 10.0108, 16.7932,
16.3096


 37.1081, 53.2093,
53.6229


 5.4684, 10.0872,
9.5868


 51.8485, 72.0619,
73.1707


 2.5622, 5.4568,
5.0239

 70.0518, 94.9123,
96.9712

 0.9267, 2.5177,
2.2023

 92.0833, 122.1446,
125.4427

 0.0000, 0.8855,
0.6757

 118.3084,
154.1434, 159.0040

 0.0000, 0.0000,
0.0000

 149.0925,

191.2930, 198.0735

184.8010,
233.9778, 243.0697

■ 16.5546, 25.9593,
25.6109

■ 16.5546, 25.9593,
25.6109

■ 16.0642, 25.7310,
24.5105

■ 17.2699, 26.3041,
26.7557

■ 15.8281, 25.6231,
23.8756

■ 18.2400, 26.7789,
27.9448

■ 19.4923, 27.3984,
29.1803

■ 21.0500, 28.1747,
30.4635

■ 22.9341, 29.1184,
31.7959

■ 25.1634, 30.2394,
33.1784

■ 27.7555, 31.5466,
34.6121

■ 30.7267, 33.0485,
36.0982

■ 34.0922, 34.7529,
37.6375

Harmonies

Analogous

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



17.9032, 25.9593, 15.3747



16.5546, 25.9593, 25.6109



17.1412, 25.9593, 40.5341

Triad

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



16.5546, 25.9593, 25.6109



28.6505, 25.9593, 60.0912



30.5220, 25.9593, 11.7583

Complementary

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



16.5546, 25.9593, 25.6109



14.8507, 8.1031, 3.9144

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.



34.1412, 25.9593, 18.7615



16.5546, 25.9593, 25.6109



32.9660, 25.9593, 46.8788

Square

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



16.5546, 25.9593, 25.6109



23.7284, 25.9593, 63.7448



35.0892, 25.9593, 31.0970



25.6434, 25.9593, 9.2295

Rectangle

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



16.5546, 25.9593, 25.6109



18.5950, 25.9593, 51.0419



35.0892, 25.9593, 31.0970



31.9504, 25.9593, 13.5298

Sweetspot

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



16.5553, 25.9603, 25.6115



44.4621, 53.8510, 59.0625



13.6188, 24.8994, 5.0085



9.4894, 11.7015, 12.8181



74.8435, 78.7412, 85.7492



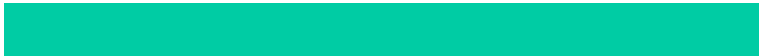
12.6291, 13.2868, 14.4694

Same Dimension

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



16.5553, 25.9603, 25.6115



28.2770, 45.8594, 42.3957



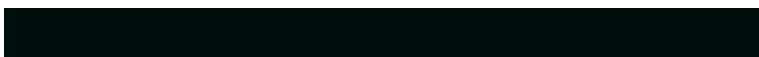
12.8956, 15.4582, 34.2035



6.7658, 7.4871, 8.2013



12.8680, 20.8152, 19.4599



0.2432, 0.3774, 0.4171

Inverse Universe

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



14.8507, 8.1031, 3.9144



25.2880, 12.9918, 3.1989



15.9485, 10.9741, 2.1978



6.6838, 6.6665, 7.1862



11.5043, 5.9063, 1.6404



0.2184, 0.1107, 0.0964

Previews

White Background



This preview shows how the XYZ color 16.5546, 25.9593, 25.6109 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 16.5546, 25.9593, 25.6109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

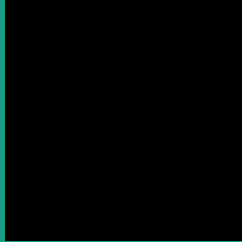
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.5546, 25.9593, 25.6109

Background



This preview shows how black text looks on a background with the XYZ color 16.5546, 25.9593, 25.6109.

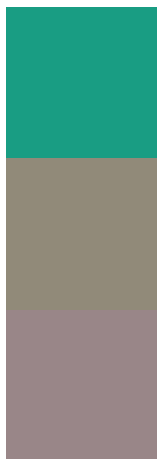


This preview shows how white text looks on a background with the XYZ color 16.5546, 25.9593,

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

16.5546, 25.9593, 25.6109

Protanopia

24.2167, 25.5772, 21.7497

Deuteranopia

26.1059, 25.6001, 26.8579



Tritanopia

19.3352, 25.8512, 39.5680

Trichromacy



Original Color

16.5546, 25.9593, 25.6109

Protanomaly

19.1939, 24.4982, 23.1190

Deuteranomaly

19.9199, 24.1314, 26.1622

Tritanomaly

18.2198, 25.8825, 34.1725

Monochromacy



Original Color

16.5546, 25.9593, 25.6109

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

14.9135, 19.1396, 20.9974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.5546, 25.9593, 25.6109 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(25, 157, 131)` looks like.

```
.text, #text, p{  
    color:rgb(25, 157, 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(25, 157, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 157, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.5546, 25.9593, 25.6109 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(25, 157, 131) }
```


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

```
.border{ border-color:rgb(25, 157, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 157, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 157, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 157, 131);  
box-shadow:4px 4px 4px 4px rgb(25, 157,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.5546, 25.9593, 25.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 157, 131) }
```

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

```
.background{ background-color: rgb(25, 157,  
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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