

Converting Colors

XYZ(16.9047, 26.4204, 25.5726)

Have a look what the booklet for
XYZ(16.9047, 26.4204, 25.5726)
contains.

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Color

**XYZ(16.9193, 26.3995,
25.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	209E83
RGB	32, 158, 131
RGB Percent	13%, 62%, 51%
CMY	0.8745, 0.3804, 0.4863
CMYK	0.80, 0.00, 0.17, 0.38
HSL	167°, 66%, 37%
HSV	167°, 80%, 62%
XYZ	16.9193, 26.3995, 25.6766
YIQ	117.2480, -66.4290, -35.1090

Conversions

Conversions Part 2

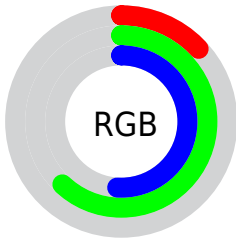
Format	Color
R_{YB}	32, 103, 158
Decimal	2137731
CIE _{Lab}	58.41, -39.48, 4.74
CIE _{LCh}	58, 39.768, 173.158
Yxy	26.3995, 0.2452, 0.3826
Android (android.graphics.Color)	4280327811 (0xFF209E83)
YUV	117.2480, 6.7797, -74.7625
Hunter-Lab	51.3804, -31.1367, 6.3370

Details

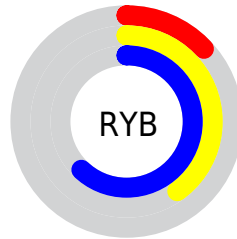
The XYZ color **16.9193, 26.3995, 25.6766** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.4075, 8.6187, 4.9905**, and the grayscale version is **16.9809, 17.8652, 19.4552**.

A 20% lighter version of the original color is **37.5916, 53.7018, 53.7316**, and **6.6770, 10.9173, 9.7380** is the 20% darker color. If you saturate the color by 10%, you get **16.3155, 26.1150, 24.4703**, and if you desaturate by 10%, it is **17.7674, 26.8104, 26.9347**.

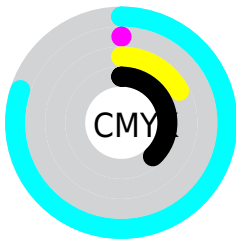
Distribution



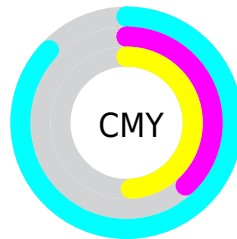
- Red (13%)
- Green (62%)
- Blue (51%)



- Red (13%)
- Yellow (40%)
- Blue (62%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.9193, 26.3995, 25.6766 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 16.9193, 26.3995, 25.6766 by changing the saturation by 10% instead.

■ 16.9193, 26.3995,
25.6766

■ 16.9193, 26.3995,
25.6766

227.8722,
284.7377, 294.7457

■ 10.2719, 17.1227,
16.3583

■ 37.7317, 53.9187,
53.7304

■ 5.6433, 10.3220,
9.6209

■ 52.6274, 72.9300,
73.3030

■ 2.6680, 5.6130,
5.0461

■ 71.0032, 95.9549,
97.1307

■ 0.9807, 2.6112,
2.2151

■ 93.2246, 123.3779,
125.6322

■ 0.0000, 0.9323,
0.6831

■ 119.6568,
155.5832, 159.2258

■ 0.0000, 0.0000,
0.0000

■ 150.6653,

192.9554, 198.3303

186.6153,
235.8787, 243.3641

■ 16.9193, 26.3995,
25.6766

■ 16.9193, 26.3995,
25.6766

■ 16.3155, 26.1150,
24.4703

■ 17.7674, 26.8104,
26.9347

■ 15.8850, 25.9183,
23.3103

■ 18.8874, 27.3599,
28.2444

■ 15.8744, 25.9134,
23.2809

■ 20.3055, 28.0623,
29.6079

■ 22.0443, 28.9291,
31.0267

■ 24.1239, 29.9707,
32.5021

■ 26.5632, 31.1967,
34.0352

■ 29.3792, 32.6161,
35.6272

■ 32.5880, 34.2371,
37.2792

■ 36.2049, 36.0675,
38.9923

Harmonies

Analogous

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



18.3394, 26.3995, 15.5118



16.9193, 26.3995, 25.6766



17.4520, 26.3995, 40.5899

Triad

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



16.9193, 26.3995, 25.6766



28.9442, 26.3995, 60.9887



31.1144, 26.3995, 12.2210

Complementary

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



16.9193, 26.3995, 25.6766



15.4075, 8.6187, 4.9905

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.



34.6882, 26.3995, 19.4620



16.9193, 26.3995, 25.6766



33.3267, 26.3995, 47.9346

Square

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



16.9193, 26.3995, 25.6766



23.9965, 26.3995, 64.2885



35.5460, 26.3995, 32.0477



26.2202, 26.3995, 9.5354

Rectangle

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



16.9193, 26.3995, 25.6766



18.8810, 26.3995, 51.1780



35.5460, 26.3995, 32.0477



32.5343, 26.3995, 14.0638

Sweetspot

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



16.9200, 26.4005, 25.6772



46.0597, 55.5560, 60.4764



14.3100, 25.4981, 5.5345



10.0548, 12.3596, 13.4239



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.9200, 26.4005, 25.6772



29.0133, 47.1436, 42.7188



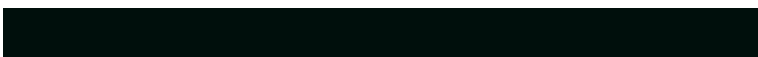
13.7646, 16.7698, 34.8603



6.7609, 7.4851, 8.1757



12.7281, 20.7592, 18.7229



0.2416, 0.3768, 0.4085

Inverse Universe

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



15.4075, 8.6187, 4.9905



26.2884, 13.6169, 4.3466



16.4113, 11.4725, 2.7166



6.6884, 6.6683, 7.2100



11.5352, 5.9187, 1.8035



0.2199, 0.1113, 0.1040

Previews

White Background



This preview shows how the XYZ color 16.9193, 26.3995, 25.6766 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 16.9193, 26.3995, 25.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

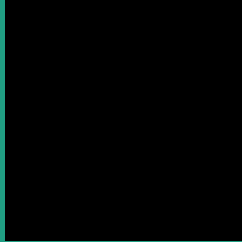
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 16.9193, 26.3995, 25.6766

Background



This preview shows how black text looks on a background with the XYZ color 16.9193, 26.3995, 25.6766.

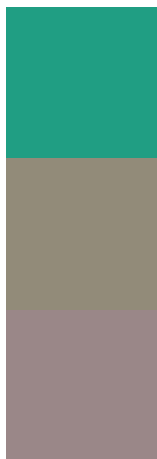


This preview shows how white text looks on a background with the XYZ color 16.9193, 26.3995,

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

16.9193, 26.3995, 25.6766

Protanopia

24.5379, 25.9567, 21.8060

Deuteranopia

26.4343, 25.9755, 26.9131



Tritanopia

19.7955, 26.3199, 40.1133

Trichromacy



Original Color

16.9193, 26.3995, 25.6766

Protanomaly

19.8063, 25.0417, 23.1917

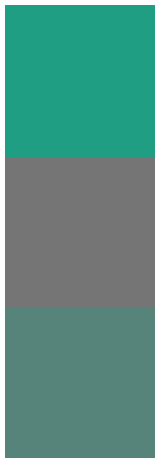
Deuteranomaly

20.5559, 24.6811, 26.2348

Tritanomaly

18.5978, 26.3234, 34.2377

Monochromacy



Original Color

16.9193, 26.3995, 25.6766

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.6019, 19.8861, 21.4284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.9193, 26.3995, 25.6766 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(32, 158, 131)` looks like.

```
.text, #text, p{  
    color:rgb(32, 158, 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(32, 158, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 158, 131) }
```

Border

The CSS property to change the border of an element to XYZ 16.9193, 26.3995, 25.6766 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(32, 158, 131) }
```


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

```
.border{ border-color:rgb(32, 158, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 158, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 158, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 158, 131);  
box-shadow:4px 4px 4px 4px rgb(32, 158,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 16.9193, 26.3995, 25.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 158, 131) }
```

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

```
.background{ background-color: rgb(32, 158,  
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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