

Converting Colors

XYZ(17.9418, 26.1724, 26.2491)

Have a look what the booklet for
XYZ(17.9418, 26.1724, 26.2491)
contains.

XYZ(17.9416, 26.1603, 26.2941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.9416, 26.1603,
26.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	3E9B85
RGB	62, 155, 133
RGB Percent	24%, 61%, 52%
CMY	0.7568, 0.3921, 0.4784
CMYK	0.60, 0.00, 0.14, 0.39
HSL	166°, 43%, 43%
HSV	166°, 60%, 61%
XYZ	17.9416, 26.1603, 26.2941
YIQ	124.6850, -48.3660, -26.5580

Conversions

Conversions Part 2

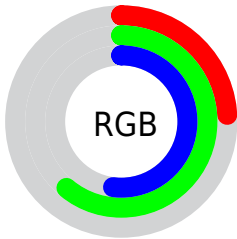
Format	Color
RYB	62, 115, 155
Decimal	4103045
CIELab	58.19, -32.96, 3.37
CIElCh	58, 33.130, 174.169
Yxy	26.1603, 0.2549, 0.3716
Android (android.graphics.Color)	4282293125 (0xFF3E9B85)
YUV	124.6850, 4.0993, -54.9747
Hunter-Lab	51.1471, -26.8925, 5.3228

Details

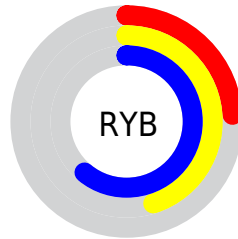
The XYZ color **17.9416, 26.1603, 26.2941** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **16.8413, 11.0546, 9.6346**, and the grayscale version is **19.3862, 20.3957, 22.2110**.

A 20% lighter version of the original color is **39.5173, 53.5603, 54.7098**, and **6.4505, 10.3406, 10.0435** is the 20% darker color. If you saturate the color by 10%, you get **16.8560, 25.6301, 24.9442**, and if you desaturate by 10%, it is **19.3148, 26.8390, 27.7048**.

Distribution



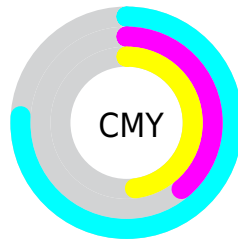
- Red (24%)
- Green (61%)
- Blue (52%)



- Red (24%)
- Yellow (45%)
- Blue (61%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (39%)



- Cyan (76%)
- Magenta (39%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9416, 26.1603, 26.2941 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 17.9416, 26.1603, 26.2941 by changing the saturation by 10% instead.

■ 17.9416, 26.1603,
26.2941

■ 17.9416, 26.1603,
26.2941

233.5936,
283.5681, 297.8741

■ 11.0075, 16.9436,
16.8161

■ 39.4687, 53.5334,
54.7389

■ 6.1392, 10.1943,
9.9429

■ 54.7923, 72.4587,
74.5428

■ 2.9714, 5.5280,
5.2560

■ 73.6432, 95.3889,
98.6256

■ 1.1386, 2.5602,
2.3369

■ 96.3867, 122.7084,
127.4061

■ 0.0571, 0.9067,
0.7518

■ 123.3881,
154.8017, 161.3026

■ 0.0000, 0.0000,
0.0000

155.0128,

192.0532, 200.7337

191.6262,
234.8472, 246.1181

■ 17.9416, 26.1603,
26.2941

■ 17.9416, 26.1603,
26.2941

■ 16.8560, 25.6301,
24.9442

■ 19.3148, 26.8390,
27.7048

■ 16.0314, 25.2327,
23.6517

■ 20.9948, 27.6743,
29.1759

■ 15.4399, 24.9546,
22.4153

■ 23.0019, 28.6771,
30.7094

■ 15.0117, 24.7596,
21.2314

■ 25.3538, 29.8567,
32.3065

■ 15.0116, 24.7595,
21.2312

■ 28.0670, 31.2214,
33.9686

■ 31.1570, 32.7793,
35.6967

■ 34.6382, 34.5378,
37.4919

■ 38.5245, 36.5040,
39.3554

■ 42.8287, 38.6847,
41.2880

Harmonies

Analogous

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



19.1106, 26.1603, 17.3928



17.9416, 26.1603, 26.2941



18.4593, 26.1603, 38.5408

Triad

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



17.9416, 26.1603, 26.2941



28.1648, 26.1603, 53.8243



29.6686, 26.1603, 14.0444

Complementary

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



17.9416, 26.1603, 26.2941



16.8413, 11.0546, 9.6346

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.



32.6027, 26.1603, 20.3494



17.9416, 26.1603, 26.2941



31.6711, 26.1603, 43.5045

Square

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



17.9416, 26.1603, 26.2941



24.0876, 26.1603, 56.6631



33.3723, 26.1603, 30.7925



25.6580, 26.1603, 11.6519

Rectangle

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



17.9416, 26.1603, 26.2941



19.7230, 26.1603, 46.8562



33.3723, 26.1603, 30.7925



30.8301, 26.1603, 15.6783

Sweetspot

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



17.9423, 26.1613, 26.2947



46.1594, 53.8475, 58.3377



16.3607, 25.7346, 8.6629



10.1659, 12.0464, 13.0233



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.



17.9423, 26.1613, 26.2947



29.6330, 45.6310, 43.8709



16.1212, 19.8265, 33.9888



6.3221, 7.0015, 7.6194



12.0722, 19.8923, 17.1326



0.1941, 0.3028, 0.3277

Inverse Universe

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



16.8413, 11.0546, 9.6346



27.5188, 16.0983, 11.4912



17.6562, 13.8536, 6.3013



6.2657, 6.2454, 6.7794



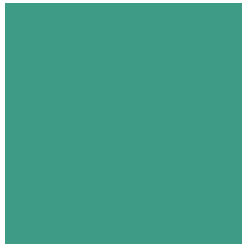
11.1344, 5.7080, 1.9670



0.1788, 0.0903, 0.0946

Previews

White Background



This preview shows how the XYZ color 17.9416, 26.1603, 26.2941 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 17.9416, 26.1603, 26.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

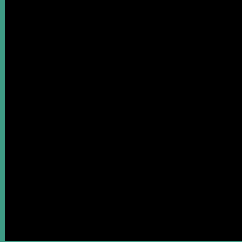
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.9416, 26.1603, 26.2941

Background



This preview shows how black text looks on a background with the XYZ color 17.9416, 26.1603, 26.2941.



This preview shows how white text looks on a background with the XYZ color 17.9416, 26.1603,

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

17.9416, 26.1603, 26.2941

Protanopia

24.5478, 25.9402, 22.7819

Deuteranopia

26.1773, 25.6286, 27.2340



Tritanopia

20.4251, 26.1940, 38.6298

Trichromacy



Original Color

17.9416, 26.1603, 26.2941

Protanomaly

21.0264, 25.4279, 23.8785

Deuteranomaly

21.8627, 25.1166, 26.9883

Tritanomaly

19.3500, 25.9887, 33.7022

Monochromacy



Original Color

17.9416, 26.1603, 26.2941

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

18.1799, 21.9916, 23.7087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9416, 26.1603, 26.2941 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(62, 155, 133)` looks like.

```
.text, #text, p{  
    color:rgb(62, 155, 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(62, 155, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 155, 133) }
```

Border

The CSS property to change the border of an element to XYZ 17.9416, 26.1603, 26.2941 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(62, 155, 133) }
```


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

```
.border{ border-color:rgb(62, 155, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 155, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 155, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 155, 133);  
box-shadow:4px 4px 4px 4px rgb(62, 155,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9416, 26.1603, 26.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 155, 133) }
```

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

```
.background{ background-color: rgb(62, 155,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor