

Converting Colors

XYZ(17.1941, 32.6165, 9.2061)

Have a look what the booklet for
XYZ(17.1941, 32.6165, 9.2061)
contains.

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Color

**XYZ(17.2595, 32.7423,
9.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	19B339
RGB	25, 179, 57
RGB Percent	10%, 70%, 22%
CMY	0.9020, 0.2980, 0.7765
CMYK	0.86, 0.00, 0.68, 0.30
HSL	132°, 75%, 40%
HSV	132°, 86%, 70%
XYZ	17.2595, 32.7423, 9.2811
YIQ	119.0460, -52.6220, -70.5900

Conversions

Conversions Part 2

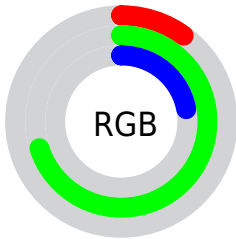
Format	Color
RYB	25, 153, 179
Decimal	1684281
CIELab	63.95, -61.48, 49.83
CIElCh	64, 79.137, 140.976
Yxy	32.7423, 0.2911, 0.5523
Android (android.graphics.Color)	4279874361 (0xFF19B339)
YUV	119.0460, -30.5887, -82.4783
Hunter-Lab	57.2209, -46.2957, 30.4379

Details

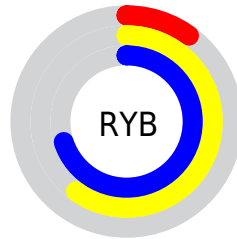
The XYZ color **17.2595, 32.7423, 9.2811** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **24.2052, 12.3859, 28.7185**, and the grayscale version is **17.6555, 18.5750, 20.2282**.

A 20% lighter version of the original color is **38.2894, 63.9415, 25.0757**, and **7.3336, 14.6672, 2.4445** is the 20% darker color. If you saturate the color by 10%, you get **16.6424, 32.4605, 7.6569**, and if you desaturate by 10%, it is **18.2561, 33.2103, 11.4403**.

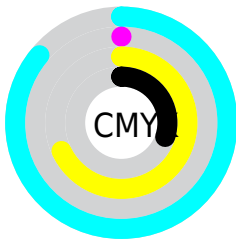
Distribution



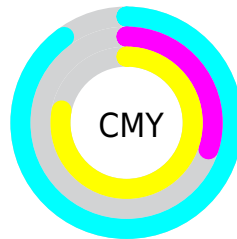
- Red (10%)
- Green (70%)
- Blue (22%)



- Red (10%)
- Yellow (60%)
- Blue (70%)



- Cyan (86%)
- Magenta (0%)
- Yellow (68%)
- Black (30%)





- Cyan (90%)
- Magenta (30%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2595, 32.7423, 9.2811 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 17.2595, 32.7423, 9.2811 by changing the saturation by 10% instead.


 17.2595, 32.7423,
9.2811


 17.2595, 32.7423,
9.2811


229.7906,
314.4869, 195.7559


 10.5161, 21.9291,
4.8257


 38.3115, 63.9730,
25.0206


 5.8074, 13.8048,
2.0884


 53.3508, 85.1593,
37.1417


 2.7678, 7.9850,
0.6089


 71.8861, 110.5720,
52.6551

 1.0322, 4.0854,
0.0000

 94.2828, 140.5957,
71.9794

 0.0000, 1.7214,
0.0000

 120.9063,
175.6146, 95.5331

 0.0000, 0.4375,
0.0000

 152.1218,

 0.0000, 0.0000,

216.0132, 123.7347

0.0000

188.2948,
262.1758, 157.0028

■ 17.2595, 32.7423,
9.2811

■ 17.2595, 32.7423,
9.2811

■ 16.6424, 32.4605,
7.6569

■ 18.2561, 33.2103,
11.4403

■ 16.4578, 32.3764,
7.1486

■ 19.6872, 33.8890,
14.1741

■ 21.5987, 34.8023,
17.5206

■ 24.0298, 35.9697,
21.5141

■ 27.0157, 37.4087,
26.1863

■ 30.5884, 39.1351,
31.5668

■ 34.7775, 41.1636,
37.6834

■ 39.6105, 43.5078,
44.5625

■ 45.1131, 46.1806,
52.2291

Harmonies

Analogous

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



24.0595, 32.7423, 3.5603



17.2595, 32.7423, 9.2811



14.3857, 32.7423, 26.8612

Triad

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



17.2595, 32.7423, 9.2811



27.8774, 32.7423, 137.1719



55.7383, 32.7423, 17.8787

Complementary

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



17.2595, 32.7423, 9.2811



24.2052, 12.3859, 28.7185

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.



57.4597, 32.7423, 46.1749



17.2595, 32.7423, 9.2811



39.4435, 32.7423, 129.2064

Square

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



17.2595, 32.7423, 9.2811



19.4791, 32.7423, 107.7892



50.9244, 32.7423, 89.9705



46.6657, 32.7423, 6.0617

Rectangle

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



17.2595, 32.7423, 9.2811



14.4617, 32.7423, 48.6655



50.9244, 32.7423, 89.9705



57.2691, 32.7423, 25.1917

Sweetspot

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



17.2603, 32.7437, 9.2818



54.5004, 69.9514, 56.1172



28.5457, 38.6265, 6.8708



11.5662, 15.2519, 11.6744



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



17.2603, 32.7437, 9.2818



29.4088, 57.9566, 12.4572



20.7417, 34.1362, 27.6145



8.4588, 9.5180, 9.4099



11.6492, 22.8856, 5.1554



0.3874, 0.7284, 0.2724

Inverse Universe

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



24.2052, 12.3859, 28.7185



41.9285, 20.6176, 47.0221



20.0826, 10.7369, 7.0091



8.7729, 8.6159, 10.3024



16.6006, 8.1578, 18.8547



0.5414, 0.2643, 0.6937

Previews

White Background



This preview shows how the XYZ color 17.2595, 32.7423, 9.2811 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 17.2595, 32.7423, 9.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

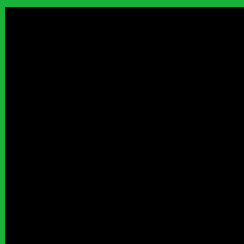
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 17.2595, 32.7423, 9.2811

Background



This preview shows how black text looks on a background with the XYZ color 17.2595, 32.7423, 9.2811.



This preview shows how white text looks on a background with the XYZ color 17.2595, 32.7423,

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

17.2595, 32.7423, 9.2811

Protanopia

29.1446, 32.1121, 7.6798

Deuteranopia

32.5575, 31.9223, 9.9145



Tritanopia

25.1397, 32.5101, 48.6661

Trichromacy



Original Color

17.2595, 32.7423, 9.2811



Protanomaly

21.3475, 30.3734, 8.1057



Deuteranomaly

22.3582, 29.5697, 9.3796



Tritanomaly

20.6942, 31.7733, 28.3347

Monochromacy



Original Color

17.2595, 32.7423, 9.2811



Achromatopsia

17.5343, 18.4475, 20.0893



Achromatomaly

15.3825, 21.8256, 14.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2595, 32.7423, 9.2811 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, 179, 57)` looks like.

```
.text, #text, p{  
    color:rgb(25, 179, 57)  
}
```

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, 179, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 179, 57) }
```

Border

The CSS property to change the border of an element to XYZ 17.2595, 32.7423, 9.2811 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, 179, 57) }
```


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

```
.border{ border-color:rgb(25, 179, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 179, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 179, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 179, 57);  
box-shadow:4px 4px 4px 4px rgb(25, 179,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2595, 32.7423, 9.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 179, 57) }
```

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

```
.background{ background-color: rgb(25, 179,  
57) }
```

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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