

Converting Colors

XYZ(13.5328, 26.0380, 5.6819)

Have a look what the booklet for
XYZ(13.5328, 26.0380, 5.6819)
contains.

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Color

**XYZ(13.5819, 26.1516,
5.6984)**

Conversions

Conversions Part 1

Format	Color
Hex	19A220
RGB	25, 162, 32
RGB Percent	10%, 64%, 13%
CMY	0.9020, 0.3647, 0.8745
CMYK	0.85, 0.00, 0.80, 0.36
HSL	123°, 73%, 37%
HSV	123°, 85%, 64%
XYZ	13.5819, 26.1516, 5.6984
YIQ	106.2170, -39.9220, -69.4740

Conversions

Conversions Part 2

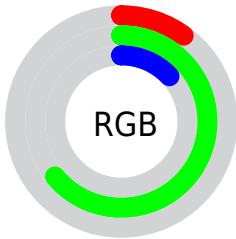
Format	Color
R_{YB}	25, 155, 162
Decimal	1679904
CIE _{Lab}	58.18, -58.34, 53.09
CIE _{LCh}	58, 78.879, 137.699
Yxy	26.1516, 0.2990, 0.5756
Android (android.graphics.Color)	4279869984 (0xFF19A220)
YUV	106.2170, -36.5890, -71.2273
Hunter-Lab	51.1386, -42.0848, 29.1903

Details

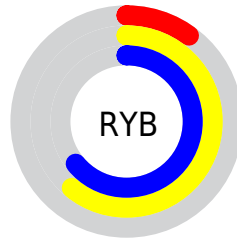
The XYZ color **13.5819, 26.1516, 5.6984** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.1646, 10.7433, 31.9669**, and the grayscale version is **13.8649, 14.5869, 15.8852**.

A 20% lighter version of the original color is **31.9373, 53.4836, 17.6569**, and **5.4686, 10.9373, 1.8229** is the 20% darker color. If you saturate the color by 10%, you get **13.1293, 25.9378, 4.8299**, and if you desaturate by 10%, it is **14.3640, 26.5255, 7.0923**.

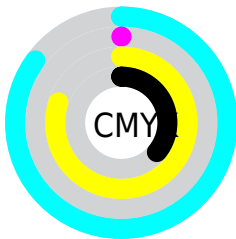
Distribution



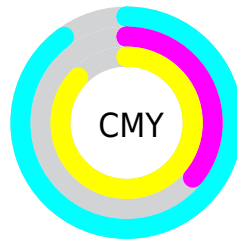
- Red (10%)
- Green (64%)
- Blue (13%)



- Red (10%)
- Yellow (61%)
- Blue (64%)



- Cyan (85%)
- Magenta (0%)
- Yellow (80%)
- Black (36%)





- Cyan (90%)
- Magenta (36%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5819, 26.1516, 5.6984 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 13.5819, 26.1516, 5.6984 by changing the saturation by 10% instead.


 13.5819, 26.1516,
5.6984


 13.5819, 26.1516,
5.6984


208.1772,
283.5255, 165.5599


 7.9102, 16.9371,
2.5968


 31.9378, 53.5194,
17.7683


 4.0889, 10.1896,
0.8908


 45.3527, 72.4415,
27.5737


 1.7525, 5.5249,
0.0000

 62.0794, 95.3682,
40.4508

 0.4888, 2.5584,
0.0000

 82.4833, 122.6840,
56.8180

 0.0000, 0.9058,
0.0000

 106.9296,
154.7732, 77.0940

 0.0000, 0.0000,
0.0000

 135.7838,

192.0203, 101.6973

169.4112,
234.8096, 131.0464

■ 13.5819, 26.1516,
5.6984

■ 13.5819, 26.1516,
5.6984

■ 13.1293, 25.9378,
4.8299

■ 14.3640, 26.5255,
7.0923

■ 12.9662, 25.8599,
4.5460

■ 15.5213, 27.0794,
9.0747

■ 17.0936, 27.8335,
11.7019

■ 19.1155, 28.8044,
15.0230

■ 21.6178, 30.0071,
19.0823

■ 24.6284, 31.4552,
23.9206

■ 28.1733, 33.1611,
29.5755

■ 32.2767, 35.1367,
36.0823

■ 36.9612, 37.3930,
43.4742

Harmonies

Analogous

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



19.6725, 26.1516, 1.9980



13.5819, 26.1516, 5.6984



10.8669, 26.1516, 18.6609

Triad

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



13.5819, 26.1516, 5.6984



21.1396, 26.1516, 117.1974



46.8227, 26.1516, 15.2730

Complementary

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



13.5819, 26.1516, 5.6984



21.1646, 10.7433, 31.9669

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.



47.5101, 26.1516, 41.2378



13.5819, 26.1516, 5.6984



30.8790, 26.1516, 113.9296

Square

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



13.5819, 26.1516, 5.6984



14.4174, 26.1516, 87.9187



41.0959, 26.1516, 80.6862



39.4064, 26.1516, 4.5802

Rectangle

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



13.5819, 26.1516, 5.6984



10.7199, 26.1516, 36.1324



41.0959, 26.1516, 80.6862



47.9062, 26.1516, 21.9834

Sweetspot

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



13.5825, 26.1527, 5.6990



44.1744, 56.8452, 42.5676



26.6432, 32.8956, 5.8649



9.4934, 12.5613, 8.8740



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



13.5825, 26.1527, 5.6990



23.5155, 46.9359, 8.1314



15.6390, 26.9753, 16.5284



6.9996, 7.9006, 7.6095



10.2197, 20.3742, 3.6074



0.2189, 0.4298, 0.0976

Inverse Universe

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



21.1646, 10.7433, 31.9669



37.5727, 18.1539, 56.6746



16.9546, 9.0593, 9.7972



7.3486, 7.1959, 8.8222



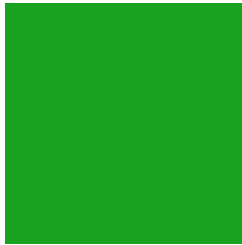
16.3202, 7.8841, 24.6747



0.3473, 0.1674, 0.5417

Previews

White Background



This preview shows how the XYZ color 13.5819, 26.1516, 5.6984 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 13.5819, 26.1516, 5.6984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

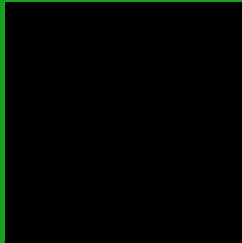
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 13.5819, 26.1516, 5.6984

Background



This preview shows how black text looks on a background with the XYZ color 13.5819, 26.1516, 5.6984.



This preview shows how white text looks on a background with the XYZ color 13.5819, 26.1516,

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

13.5819, 26.1516, 5.6984

Protanopia

23.1294, 25.6077, 4.7010

Deuteranopia

26.2000, 25.6985, 6.1642



Tritanopia

20.2760, 26.1172, 38.6228

Trichromacy



Original Color

13.5819, 26.1516, 5.6984



Protanomaly

16.8277, 24.1394, 4.8711



Deuteranomaly

17.9684, 23.7981, 5.7443



Tritanomaly

16.3372, 25.4648, 20.2738

Monochromacy



Original Color

13.5819, 26.1516, 5.6984



Achromatopsia

13.6994, 14.4128, 15.6956



Achromatomaly

11.9327, 17.0640, 10.0619

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5819, 26.1516, 5.6984 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, 162, 32)` looks like.

```
.text, #text, p{  
    color:rgb(25, 162, 32)  
}
```

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, 162, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 162, 32) }
```

Border

The CSS property to change the border of an element to XYZ 13.5819, 26.1516, 5.6984 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, 162, 32) }
```


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

```
.border{ border-color:rgb(25, 162, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 162, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 162, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 162, 32);  
box-shadow:4px 4px 4px 4px rgb(25, 162,  
32) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5819, 26.1516, 5.6984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 162, 32) }
```

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

```
.background{ background-color: rgb(25, 162,  
32) }
```

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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