

Converting Colors

XYZ(25.2574, 32.8311, 5.2171)

Have a look what the booklet for
XYZ(25.2574, 32.8311, 5.2171)
contains.

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Color

**XYZ(25.1679, 32.6773,
5.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	92A407
RGB	146, 164, 7
RGB Percent	57%, 64%, 3%
CMY	0.4275, 0.3568, 0.9725
CMYK	0.11, 0.00, 0.96, 0.36
HSL	67°, 92%, 34%
HSV	67°, 96%, 64%
XYZ	25.1679, 32.6773, 5.1819
YIQ	140.7200, 39.6690, -52.6430

Conversions

Conversions Part 2

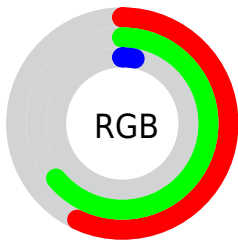
Format	Color
R_{YB}	7, 164, 25
Decimal	9610247
CIE Lab	63.90, -23.32, 65.28
CIE LCh	64, 69.318, 109.656
Yxy	32.6773, 0.3993, 0.5185
Android (android.graphics.Color)	4287800327 (0xFF92A407)
YUV	140.7200, -65.9240, 4.6306
Hunter-Lab	57.1641, -21.4480, 34.6402

Details

The XYZ color **25.1679, 32.6773, 5.1819** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **7.1788, 3.0397, 35.3324**, and the grayscale version is **25.4483, 26.7736, 29.1564**.

A 20% lighter version of the original color is **51.2997, 63.8954, 16.6504**, and **10.1086, 13.8125, 2.1333** is the 20% darker color. If you saturate the color by 10%, you get **24.9877, 32.5899, 4.9735**, and if you desaturate by 10%, it is **25.6262, 32.9008, 5.8325**.

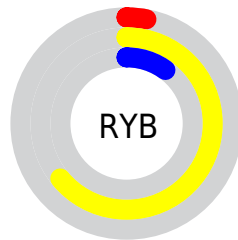
Distribution



Red (57%)

Green (64%)

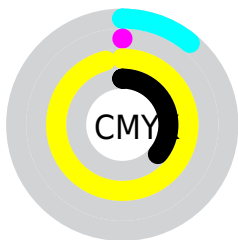
Blue (3%)



Red (3%)

Yellow (64%)

Blue (10%)

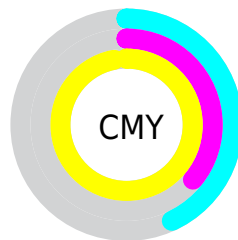


Cyan (11%)

Magenta (0%)

Yellow (96%)

Black (36%)



Cyan (43%)


Magenta (36%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1679, 32.6773, 5.1819 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 25.1679, 32.6773, 5.1819 by changing the saturation by 10% instead.


 25.1679, 32.6773,
5.1819


 25.1679, 32.6773,
5.1819


271.0053,
314.1931, 160.5741


 16.3316, 21.8794,
2.2938


 51.3704, 63.8714,
16.6550

 9.8514, 13.7683,
0.7277


 69.4673, 85.0363,
26.0770


 5.3621, 7.9597,
0.0000


 91.3818, 110.4257,
38.5141

 2.4982, 4.0692,
0.0000

 117.4792,
140.4239, 54.3847

 0.8943, 1.7123,
0.0000

 148.1249,
175.4154, 74.1075

 0.0000, 0.4316,
0.0000

 183.6843,

 0.0000, 0.0000,

215.7845, 98.1010

0.0000

224.5226,
261.9156, 126.7837

25.1679, 32.6773,
5.1819

25.1679, 32.6773,
5.1819

24.9877, 32.5899,
4.9735

25.6262, 32.9008,
5.8325

26.1899, 33.1659,
7.0125

26.8774, 33.4811,
8.8152

27.7021, 33.8518,
11.3111

28.6755, 34.2827,
14.5610

■ 29.8080, 34.7778,
18.6194

■ 31.1089, 35.3411,
23.5355

■ 32.5870, 35.9758,
29.3546

■ 34.2503, 36.6852,
36.1190

Harmonies

Analogous

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



34.5494, 32.6773, 4.5820



25.1679, 32.6773, 5.1819



18.8456, 32.6773, 10.9059

Triad

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



25.1679, 32.6773, 5.1819



20.4311, 32.6773, 94.2235



53.4023, 32.6773, 46.1219

Complementary

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



25.1679, 32.6773, 5.1819



7.1788, 3.0397, 35.3324

Split Complementary

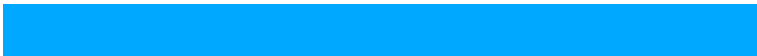
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.6576, 32.6773, 82.9076



25.1679, 32.6773, 5.1819



27.8116, 32.6773, 118.8885

Square

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



25.1679, 32.6773, 5.1819



16.5336, 32.6773, 56.8771



37.8039, 32.6773, 113.9154



52.2793, 32.6773, 20.3988

Rectangle

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



25.1679, 32.6773, 5.1819



16.5843, 32.6773, 19.9833



37.8039, 32.6773, 113.9154



52.1704, 32.6773, 57.7099

Sweetspot

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



25.1686, 32.6788, 5.1826



55.5247, 63.7404, 39.1177



15.6499, 8.5099, 1.0192



11.9322, 13.8454, 7.7744



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.



25.1686, 32.6788, 5.1826



45.2410, 59.0945, 9.0219



15.8269, 27.8629, 4.7454



7.5691, 8.1959, 7.5631



19.1837, 25.0000, 3.8144



0.4242, 0.5362, 0.0811

Inverse Universe

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



7.1788, 3.0397, 35.3324



12.5535, 5.0665, 64.0686



12.1676, 5.6116, 35.5659



6.7724, 6.8970, 8.8774



5.3632, 2.1713, 27.0662



0.1336, 0.0564, 0.5697

Previews

White Background



This preview shows how the XYZ color 25.1679, 32.6773, 5.1819 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 25.1679, 32.6773, 5.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

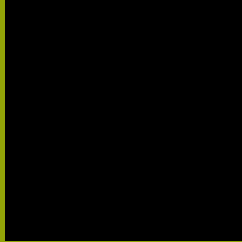
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.1679, 32.6773, 5.1819

Background



This preview shows how black text looks on a background with the XYZ color 25.1679, 32.6773, 5.1819.



This preview shows how white text looks on a background with the XYZ color 25.1679, 32.6773,

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

25.1679, 32.6773, 5.1819

Protanopia

29.1769, 32.4414, 4.7240

Deuteranopia

33.1490, 32.5534, 5.6349



Tritanopia

32.0296, 32.4059, 39.6888

Trichromacy



Original Color

25.1679, 32.6773, 5.1819

Protanomaly

27.5531, 32.3528, 4.8787

Deuteranomaly

29.6490, 32.1801, 5.3105

Tritanomaly

27.8687, 31.7085, 18.5614

Monochromacy



Original Color

25.1679, 32.6773, 5.1819

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.0069, 28.1072, 14.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1679, 32.6773, 5.1819 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(146, 164, 7)` looks like.

```
.text, #text, p{  
    color:rgb(146, 164, 7)  
}
```

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(146, 164, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 164, 7) }
```

Border

The CSS property to change the border of an element to XYZ 25.1679, 32.6773, 5.1819 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(146, 164, 7) }
```


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

```
.border{ border-color:rgb(146, 164, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 164, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 164, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 164, 7);  
box-shadow:4px 4px 4px 4px rgb(146, 164,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1679, 32.6773, 5.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 164, 7) }
```

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

```
.background{ background-color: rgb(146,  
164, 7) }
```

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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