

Converting Colors

XYZ(27.3545, 32.9001, 18.6675)

Have a look what the booklet for
XYZ(27.3545, 32.9001, 18.6675)
contains.

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Color

**XYZ(27.3759, 32.9923,
18.5609)**

Conversions

Conversions Part 1

Format	Color
Hex	92A26A
RGB	146, 162, 106
RGB Percent	57%, 64%, 42%
CMY	0.4275, 0.3647, 0.5843
CMYK	0.10, 0.00, 0.35, 0.36
HSL	77°, 23%, 53%
HSV	77°, 35%, 64%
XYZ	27.3759, 32.9923, 18.5609
YIQ	150.8320, 8.4400, -20.8080

Conversions

Conversions Part 2

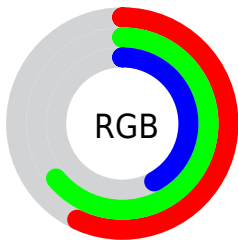
Format	Color
RYB	106, 162, 122
Decimal	9609834
CIELab	64.15, -15.29, 27.30
CIELCh	64, 31.294, 119.252
Yxy	32.9923, 0.3468, 0.4180
Android (android.graphics.Color)	4287799914 (0xFF92A26A)
YUV	150.8320, -22.1022, -4.2377
Hunter-Lab	57.4389, -15.4434, 21.0482

Details

The XYZ color **27.3759, 32.9923, 18.5609** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7030, 17.0551, 36.4379**, and the grayscale version is **29.4333, 30.9661, 33.7221**.

A 20% lighter version of the original color is **55.0718, 64.5118, 41.8972**, and **11.0590, 13.8902, 6.1012** is the 20% darker color. If you saturate the color by 10%, you get **25.8057, 32.2722, 14.4976**, and if you desaturate by 10%, it is **29.1403, 33.7962, 23.4655**.

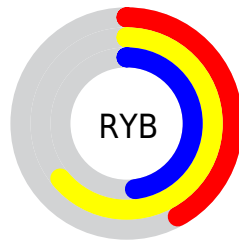
Distribution



Red (57%)

Green (64%)

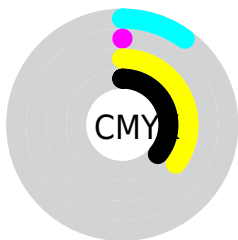
Blue (42%)



Red (42%)

Yellow (64%)

Blue (48%)

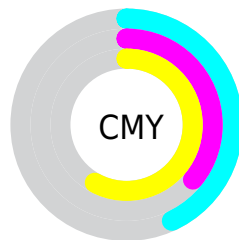


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (36%)



Cyan (43%)

Magenta (36%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3759, 32.9923, 18.5609 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 27.3759, 32.9923, 18.5609 by changing the saturation by 10% instead.

■ 27.3759, 32.9923,
18.5609

■ 27.3759, 32.9923,
18.5609

■ 281.6071,
315.6150, 256.3553

■ 17.9938, 22.1205,
11.1798

■ 54.9021, 64.3635,
41.8176

■ 11.0452, 13.9455,
6.0722

■ 73.7769, 85.6318,
58.5302

■ 6.1648, 8.0828,
2.8196

■ 96.5467, 111.1343,
79.1905

■ 2.9871, 4.1480,
1.0033

■ 123.5767,
141.2555, 104.2170

■ 1.1470, 1.7567,
0.0000

■ 155.2325,
176.3798, 134.0282

■ 0.0639, 0.4599,
0.0000

■ 191.8792,

■ 0.0000, 0.0000,

216.8915, 169.0426

0.0000

233.8823,
263.1752, 209.6788

■ 27.3759, 32.9923,
18.5609

■ 27.3759, 32.9923,
18.5609

■ 25.8057, 32.2722,
14.4976

■ 29.1403, 33.7962,
23.4655

■ 24.4178, 31.6277,
11.2260

■ 31.1051, 34.6830,
29.2528

■ 23.2027, 31.0560,
8.6950

■ 33.2792, 35.6575,
35.9643

■ 22.1491, 30.5527,
6.8460

■ 35.6701, 36.7227,
43.6380

■ 21.2437, 30.1123,
5.6123

■ 38.2851, 37.8816,
52.3097

■ 20.4707, 29.7285,
4.9119

■ 41.1310, 39.1368,
62.0138

■ 20.0847, 29.5351,
4.6423

■ 44.2143, 40.4912,
72.7825

■ 47.5413, 41.9472,
84.6471

■ 51.1180, 43.5072,
97.6372

Harmonies

Analogous

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



31.4695, 32.9923, 16.6295



27.3759, 32.9923, 18.5609



24.5903, 32.9923, 24.8351

Triad

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



27.3759, 32.9923, 18.5609



27.2004, 32.9923, 61.2426



40.6735, 32.9923, 36.2424

Complementary

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



27.3759, 32.9923, 18.5609



19.7030, 17.0551, 36.4379

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.



39.2663, 32.9923, 49.8997



27.3759, 32.9923, 18.5609



31.2471, 32.9923, 66.2667

Square

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



27.3759, 32.9923, 18.5609



24.4958, 32.9923, 49.2162



35.7091, 32.9923, 61.6981



39.3956, 32.9923, 25.2689

Rectangle

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



27.3759, 32.9923, 18.5609



23.7095, 32.9923, 31.5616



35.7091, 32.9923, 61.6981



40.4968, 32.9923, 40.6688

Sweetspot

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



27.3767, 32.9938, 18.5616



58.1466, 63.7160, 58.2273



24.4462, 22.6094, 16.7117



12.9423, 14.2578, 12.7180



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.



27.3767, 32.9938, 18.5616



47.6069, 58.9357, 28.2263



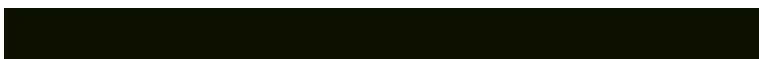
23.0123, 30.7438, 18.3574



7.4513, 8.1351, 7.5576



15.8662, 23.2898, 3.6591



0.3762, 0.5114, 0.0789

Inverse Universe

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



19.7030, 17.0551, 36.4379



31.6745, 25.8240, 65.3712



24.2300, 19.3889, 36.6497



6.8818, 6.9534, 8.8825



6.0739, 2.5377, 27.0995



0.1718, 0.0761, 0.5715

Previews

White Background



This preview shows how the XYZ color 27.3759, 32.9923, 18.5609 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 27.3759, 32.9923, 18.5609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

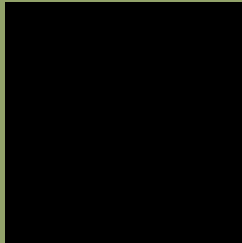
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.3759, 32.9923, 18.5609

Background



This preview shows how black text looks on a background with the XYZ color 27.3759, 32.9923, 18.5609.



This preview shows how white text looks on a background with the XYZ color 27.3759, 32.9923,

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

27.3759, 32.9923, 18.5609

Protanopia

30.3180, 32.7468, 17.5548

Deuteranopia

33.5153, 32.9133, 19.0545



Tritanopia

31.8571, 32.7712, 41.2057

Trichromacy



Original Color

27.3759, 32.9923, 18.5609

Protanomaly

29.2228, 32.9268, 17.9120

Deuteranomaly

31.0570, 32.8518, 18.8915

Tritanomaly

29.9303, 32.7376, 31.5296

Monochromacy



Original Color

27.3759, 32.9923, 18.5609

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.4889, 31.5815, 27.5160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3759, 32.9923, 18.5609 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, 162, 106)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 106)  
}
```

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, 162, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 106) }
```

Border

The CSS property to change the border of an element to XYZ 27.3759, 32.9923, 18.5609 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, 162, 106) }
```


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

```
.border{ border-color:rgb(146, 162, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 162, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 162, 106);  
box-shadow:4px 4px 4px 4px rgb(146, 162,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3759, 32.9923, 18.5609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 106) }
```

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

```
.background{ background-color: rgb(146,  
162, 106) }
```

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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