

Converting Colors

XYZ(32.8751, 38.0729, 26.0857)

Have a look what the booklet for
XYZ(32.8751, 38.0729, 26.0857)
contains.

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Color

**XYZ(32.9564, 38.1579,
26.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	A0AB80
RGB	160, 171, 128
RGB Percent	63%, 67%, 50%
CMY	0.3725, 0.3294, 0.4980
CMYK	0.06, 0.00, 0.25, 0.33
HSL	75°, 20%, 59%
HSV	75°, 25%, 67%
XYZ	32.9564, 38.1579, 26.0503
YIQ	162.8090, 7.2470, -15.7050

Conversions

Conversions Part 2

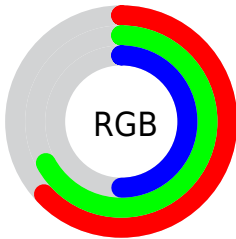
Format	Color
RYB	128, 171, 139
Decimal	10529664
CIELab	68.14, -11.39, 20.90
CIELCh	68, 23.806, 118.589
Yxy	38.1579, 0.3392, 0.3927
Android (android.graphics.Color)	4288719744 (0xFFA0AB80)
YUV	162.8090, -17.1608, -2.4635
Hunter-Lab	61.7721, -12.8685, 18.2369

Details

The XYZ color **32.9564, 38.1579, 26.0503** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7188, 23.8686, 41.7817**, and the grayscale version is **34.7995, 36.6117, 39.8702**.

A 20% lighter version of the original color is **63.5612, 72.1760, 54.2974**, and **14.1563, 16.9319, 9.7298** is the 20% darker color. If you saturate the color by 10%, you get **31.0653, 37.3035, 20.5734**, and if you desaturate by 10%, it is **35.0700, 39.1075, 32.5294**.

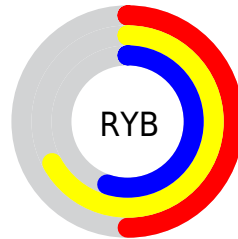
Distribution



Red (63%)

Green (67%)

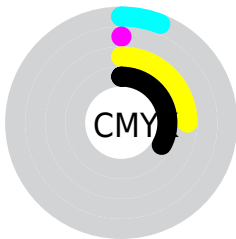
Blue (50%)



Red (50%)

Yellow (67%)

Blue (55%)

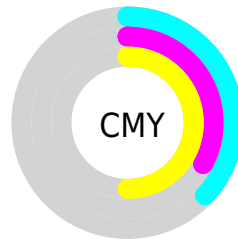


Cyan (6%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (37%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9564, 38.1579, 26.0503 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 32.9564, 38.1579, 26.0503 by changing the saturation by 10% instead.

■ 32.9564, 38.1579,
26.0503

■ 32.9564, 38.1579,
26.0503

307.1217,
338.2968, 296.6422

■ 22.2521, 26.1053,
16.6352

■ 63.6626, 72.3501,
54.3412

■ 14.1599, 16.9024,
9.8155

■ 84.3952, 95.2584,
74.0540

■ 8.3144, 10.1649,
5.1728

■ 109.2013,
122.5541, 98.0364

■ 4.3503, 5.5085,
2.2885

138.4463,
154.6216, 126.7071

■ 1.9021, 2.5486,
0.7248

172.4954,
191.8452, 160.4844

■ 0.5781, 0.9009,
0.0000

211.7142,

■ 0.0000, 0.0000,

234.6093, 199.7870

0.0000

256.4678,
283.2984, 245.0335

■ 32.9564, 38.1579,
26.0503

■ 32.9564, 38.1579,
26.0503

■ 31.0653, 37.3035,
20.5734

■ 35.0700, 39.1075,
32.5294

■ 29.3839, 36.5351,
16.0461

■ 37.4123, 40.1508,
40.0549

■ 27.9026, 35.8503,
12.4150

■ 39.9929, 41.2931,
48.6711

■ 26.6097, 35.2443,
9.6201

■ 42.8198, 42.5376,
58.4193

■ 25.4920, 34.7118,
7.5941

■ 45.9008, 43.8875,
69.3384

■ 24.5346, 34.2468,
6.2596

■ 49.2433, 45.3456,
81.4656

■ 23.7188, 33.8418,
5.5203

■ 52.8542, 46.9149,
94.8365

■ 23.3529, 33.6584,
5.2659

■ 55.1210, 47.9503,
100.9579

■ 56.2684, 48.5418,
101.0116

Harmonies

Analogous

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



36.4441, 38.1579, 24.2700



32.9564, 38.1579, 26.0503



30.5074, 38.1579, 31.7727

Triad

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



32.9564, 38.1579, 26.0503



32.6715, 38.1579, 61.5641



43.8869, 38.1579, 42.0532

Complementary

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



32.9564, 38.1579, 26.0503



25.7188, 23.8686, 41.7817

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.



42.7114, 38.1579, 53.1458



32.9564, 38.1579, 26.0503



36.0924, 38.1579, 65.5346

Square

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



32.9564, 38.1579, 26.0503



30.3510, 38.1579, 52.1245



39.7942, 38.1579, 62.2210



42.9079, 38.1579, 32.5078

Rectangle

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



32.9564, 38.1579, 26.0503



29.7076, 38.1579, 37.6305



39.7942, 38.1579, 62.2210



43.7292, 38.1579, 45.7272

Sweetspot

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



32.9574, 38.1596, 26.0511



65.6999, 71.3265, 67.4955



29.8887, 28.6105, 24.3697



14.5115, 15.8438, 14.6001



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.9574, 38.1596, 26.0511



57.1498, 67.4929, 41.1557



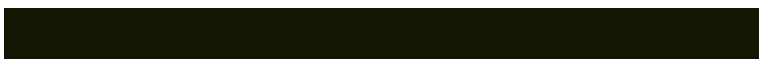
29.0662, 36.1536, 25.8690



8.4596, 9.2255, 8.5482



17.6543, 25.3982, 3.9719



0.5380, 0.7307, 0.1127

Inverse Universe

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



25.7188, 23.8686, 41.7817



42.0200, 37.6144, 74.0475



29.6184, 25.8789, 41.9642



7.7639, 7.8526, 10.0592



6.3591, 2.6381, 29.2186



0.2277, 0.0996, 0.8152

Previews

White Background



This preview shows how the XYZ color 32.9564, 38.1579, 26.0503 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 32.9564, 38.1579, 26.0503 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

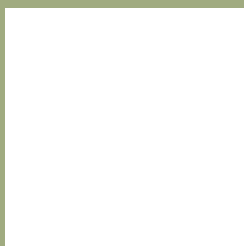
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9564, 38.1579, 26.0503

Background



This preview shows how black text looks on a background with the XYZ color 32.9564, 38.1579, 26.0503.



This preview shows how white text looks on a background with the XYZ color 32.9564, 38.1579,

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

32.9564, 38.1579, 26.0503

Protanopia

35.5336, 38.1259, 25.2249

Deuteranopia

38.6755, 37.8773, 26.3917



Tritanopia

37.1476, 37.9407, 46.9604

Trichromacy



Original Color

32.9564, 38.1579, 26.0503

Protanomaly

34.6280, 38.1955, 25.6261

Deuteranomaly

36.3510, 37.7244, 26.1345

Tritanomaly

35.3866, 38.0331, 38.2769

Monochromacy



Original Color

32.9564, 38.1579, 26.0503

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.0415, 37.1558, 34.2318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9564, 38.1579, 26.0503 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(160, 171, 128)` looks like.

```
.text, #text, p{  
    color:rgb(160, 171, 128)  
}
```

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(160, 171, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 171, 128) }
```

Border

The CSS property to change the border of an element to XYZ 32.9564, 38.1579, 26.0503 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(160, 171, 128) }
```


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

```
.border{ border-color:rgb(160, 171, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 171, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 171, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 171, 128);  
box-shadow:4px 4px 4px 4px rgb(160, 171,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9564, 38.1579, 26.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 171, 128) }
```

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

```
.background{ background-color: rgb(160,  
171, 128) }
```

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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