

Converting Colors

XYZ(27.0885, 32.4182, 51.8845)

Have a look what the booklet for
XYZ(27.0885, 32.4182, 51.8845)
contains.

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Color

**XYZ(26.9966, 32.3236,
51.8299)**

Conversions

Conversions Part 1

Format	Color
Hex	61A3BB
RGB	97, 163, 187
RGB Percent	38%, 64%, 73%
CMY	0.6196, 0.3608, 0.2667
CMYK	0.48, 0.13, 0.00, 0.27
HSL	196°, 40%, 56%
HSV	196°, 48%, 73%
XYZ	26.9966, 32.3236, 51.8299
YIQ	146.0020, -47.0400, -6.5280

Conversions

Conversions Part 2

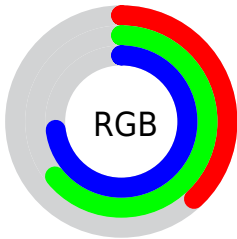
Format	Color
R _Y B	97, 135, 187
Decimal	6398907
CIE Lab	63.61, -14.47, -18.90
CIE LCh	64, 23.808, 232.558
Yxy	32.3236, 0.2429, 0.2908
Android (android.graphics.Color)	4284588987 (0xFF61A3BB)
YUV	146.0020, 20.2120, -42.9748
Hunter-Lab	56.8538, -14.7349, -14.2531

Details

The XYZ color **26.9966, 32.3236, 51.8299** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.4893, 25.1035, 14.6015**, and the grayscale version is **27.2569, 28.6764, 31.2286**.

A 20% lighter version of the original color is **54.1980, 63.2893, 94.1535**, and **10.8242, 13.5214, 24.5937** is the 20% darker color. If you saturate the color by 10%, you get **24.3662, 29.6797, 51.4588**, and if you desaturate by 10%, it is **30.1336, 35.2819, 52.2362**.

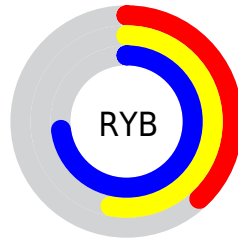
Distribution



Red (38%)

Green (64%)

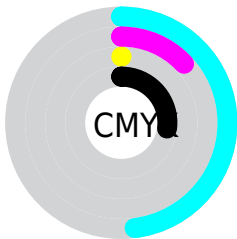
Blue (73%)



Red (38%)

Yellow (53%)

Blue (73%)

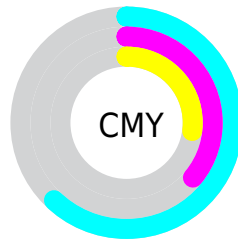


Cyan (48%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9966, 32.3236, 51.8299 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 26.9966, 32.3236, 51.8299 by changing the saturation by 10% instead.

■ 26.9966, 32.3236,
51.8299

■ 26.9966, 32.3236,
51.8299

279.8085,
312.5907, 410.7178

■ 17.7072, 21.6088,
36.4882

■ 54.2983, 63.3180,
94.3044

■ 10.8384, 13.5697,
24.5188

■ 73.0414, 84.3665,
122.2742

■ 6.0248, 7.8220,
15.5032

■ 95.6665, 109.6282,
155.2905

■ 2.9010, 3.9813,
9.0227

■ 122.5388,
139.4877, 193.7718

■ 1.1016, 1.6631,
4.6590

154.0239,
174.3293, 238.1366

■ 0.0265, 0.3996,
1.9934

190.4869,

■ 0.0000, 0.0000,

214.5374, 288.8036

0.5512

232.2933,
260.4964, 346.1911

■ 0.0000, 0.0000,
0.0000

■ 26.9966, 32.3236,
51.8299

■ 26.9966, 32.3236,
51.8299

■ 24.3662, 29.6797,
51.4588

■ 30.1336, 35.2819,
52.2362

■ 22.2055, 27.3284,
51.1188

■ 33.8048, 38.5674,
52.6768

■ 20.4770, 25.2506,
50.8089

■ 38.0393, 42.1962,
53.1541

■ 19.1361, 23.4227,
50.5267

■ 42.8631, 46.1823,
53.6692

■ 18.1121, 21.8075,
50.2689

■ 48.3007, 50.5390,
54.2236

■ 17.9347, 21.5178,
50.2224

■ 54.3750, 55.2785,
54.8182

■ 61.1077, 60.4127,
55.4544

■ 68.5195, 65.9526,
56.1330

■ 72.7367, 69.9019,
56.6731

Harmonies

Analogous

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



25.1875, 32.3236, 42.6983



26.9966, 32.3236, 51.8299



29.9018, 32.3236, 56.6568

Triad

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



26.9966, 32.3236, 51.8299



37.5096, 32.3236, 37.6207



28.3342, 32.3236, 20.8467

Complementary

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



26.9966, 32.3236, 51.8299



29.4893, 25.1035, 14.6015

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.



31.5583, 32.3236, 19.9796



26.9966, 32.3236, 51.8299



37.0145, 32.3236, 28.6265

Square

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



26.9966, 32.3236, 51.8299



36.0846, 32.3236, 47.5443



34.7766, 32.3236, 22.5648



25.9200, 32.3236, 25.1937

Rectangle

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



26.9966, 32.3236, 51.8299



32.1341, 32.3236, 56.2678



34.7766, 32.3236, 22.5648



29.3531, 32.3236, 20.1748

Sweetspot

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



26.9976, 32.3248, 51.8307



71.3687, 78.2790, 95.5492



26.0609, 39.4267, 23.8483



15.3150, 16.9040, 20.9982



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.9976, 32.3248, 51.8307



43.2947, 52.7947, 92.1099



20.5569, 19.4433, 49.6838



9.5875, 10.3673, 12.1680



12.4188, 14.9493, 34.6239



0.5375, 0.6876, 1.3733

Inverse Universe

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



31.3799, 21.7595, 37.1977



52.4234, 32.7715, 61.1829



36.0171, 38.1590, 16.7774



9.8184, 9.6517, 11.4327



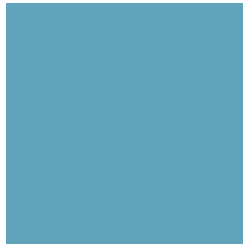
17.2692, 8.5388, 17.2430



0.7022, 0.3448, 0.8110

Previews

White Background



This preview shows how the XYZ color 26.9966, 32.3236, 51.8299 looks on a white background.

Color Contrast Check

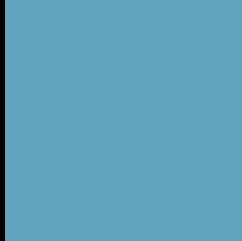
Large Text (above 18pt) WCAG AA × Fail

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 26.9966, 32.3236, 51.8299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

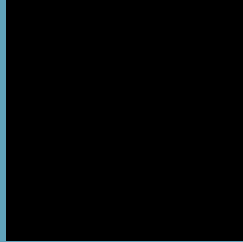
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.9966, 32.3236, 51.8299

Background



This preview shows how black text looks on a background with the XYZ color 26.9966, 32.3236, 51.8299.



This preview shows how white text looks on a background with the XYZ color 26.9966, 32.3236,

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

26.9966, 32.3236, 51.8299

Protanopia

31.6792, 32.0477, 47.6962

Deuteranopia

32.7783, 32.0144, 53.1670



Tritanopia

26.1071, 32.5043, 47.0174

Trichromacy



Original Color

26.9966, 32.3236, 51.8299

Protanomaly

29.4890, 31.8630, 49.3957

Deuteranomaly

30.2667, 31.9421, 52.7143

Tritanomaly

26.3353, 32.3200, 48.5664

Monochromacy



Original Color

26.9966, 32.3236, 51.8299

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5633, 29.6189, 38.0352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9966, 32.3236, 51.8299 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(97, 163, 187)` looks like.

```
.text, #text, p{  
    color:rgb(97, 163, 187)  
}
```

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(97, 163, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 163, 187) }
```

Border

The CSS property to change the border of an element to XYZ 26.9966, 32.3236, 51.8299 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(97, 163, 187) }
```


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

```
.border{ border-color:rgb(97, 163, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 163, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 163, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 163, 187);  
box-shadow:4px 4px 4px 4px rgb(97, 163,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9966, 32.3236, 51.8299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 163, 187) }
```

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

```
.background{ background-color: rgb(97, 163,  
187) }
```

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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