

Converting Colors

XYZ(26.8293, 32.3551, 51.0006)

Have a look what the booklet for
XYZ(26.8293, 32.3551, 51.0006)
contains.

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Color

**XYZ(26.6780, 32.1840,
50.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	60A3B9
RGB	96, 163, 185
RGB Percent	38%, 64%, 73%
CMY	0.6235, 0.3608, 0.2745
CMYK	0.48, 0.12, 0.00, 0.27
HSL	195°, 39%, 55%
HSV	195°, 48%, 73%
XYZ	26.6780, 32.1840, 50.7050
YIQ	145.4750, -46.9940, -7.3620

Conversions

Conversions Part 2

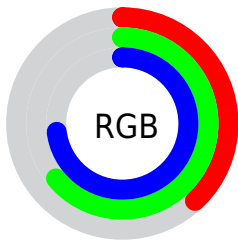
Format	Color
R _Y B	96, 134, 185
Decimal	6333369
CIE Lab	63.49, -15.28, -17.96
CIE LCh	63, 23.581, 229.618
Yxy	32.1840, 0.2435, 0.2937
Android (android.graphics.Color)	4284523449 (0xFF60A3B9)
YUV	145.4750, 19.4858, -43.3896
Hunter-Lab	56.7309, -15.3387, -13.2806

Details

The XYZ color **26.6780, 32.1840, 50.7050** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.5980, 24.1163, 14.2148**, and the grayscale version is **27.0446, 28.4530, 30.9854**.

A 20% lighter version of the original color is **53.7111, 63.0730, 92.5625**, and **10.6486, 13.4469, 23.8641** is the 20% darker color. If you saturate the color by 10%, you get **24.1588, 29.7023, 50.3593**, and if you desaturate by 10%, it is **29.6866, 34.9629, 51.0834**.

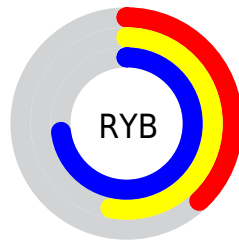
Distribution



Red (38%)

Green (64%)

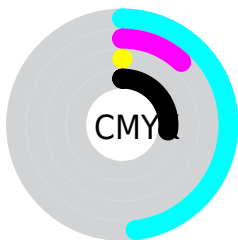
Blue (73%)



Red (38%)

Yellow (53%)

Blue (73%)

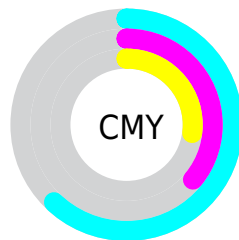


Cyan (48%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (62%)

Magenta (36%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6780, 32.1840, 50.7050 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 26.6780, 32.1840, 50.7050 by changing the saturation by 10% instead.

■ 26.6780, 32.1840,
50.7050

■ 26.6780, 32.1840,
50.7050

278.2907,
311.9566, 406.2303

■ 17.4669, 21.5021,
35.5988

■ 53.7903, 63.0994,
92.6256

■ 10.6653, 13.4915,
23.8373

■ 72.4221, 84.1017,
120.2771

■ 5.9079, 7.7679,
15.0019

■ 94.9249, 109.3129,
152.9474

■ 2.8293, 3.9468,
8.6741

■ 121.6641,
139.1175, 191.0551

■ 1.0641, 1.6438,
4.4353

153.0048,
173.8997, 235.0186

■ 0.0000, 0.3869,
1.8671

189.3126,

■ 0.0000, 0.0000,

214.0440, 285.2567

0.4717

230.9528,
259.9349, 342.1878

■ 0.0000, 0.0000,
0.0000

■ 26.6780, 32.1840,
50.7050

■ 26.6780, 32.1840,
50.7050

■ 24.1588, 29.7023,
50.3593

■ 29.6866, 34.9629,
51.0834

■ 22.0930, 27.4968,
50.0425

■ 33.2113, 38.0513,
51.4937

■ 20.4443, 25.5491,
49.7535

■ 37.2804, 41.4647,
51.9381

■ 19.1694, 23.8362,
49.4900

■ 41.9192, 45.2168,
52.4179

■ 18.1993, 22.3222,
49.2489

■ 47.1514, 49.3201,
52.9341

■ 18.0293, 22.0472,
49.2048

■ 52.9992, 53.7865,
53.4880

■ 59.4838, 58.6274,
54.0806

■ 66.6252, 63.8534,
54.7129

■ 71.6275, 68.0238,
55.2542

Harmonies

Analogous

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



25.0184, 32.1840, 41.4731



26.6780, 32.1840, 50.7050



29.4659, 32.1840, 56.0143

Triad

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



26.6780, 32.1840, 50.7050



37.2320, 32.1840, 38.4044



28.5181, 32.1840, 20.6177

Complementary

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



26.6780, 32.1840, 50.7050



28.5980, 24.1163, 14.2148

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.



31.7422, 32.1840, 20.0930



26.6780, 32.1840, 50.7050



36.9327, 32.1840, 29.3143

Square

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



26.6780, 32.1840, 50.7050



35.6573, 32.1840, 48.1158



34.8667, 32.1840, 22.9920



26.0270, 32.1840, 24.5824

Rectangle

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



26.6780, 32.1840, 50.7050



31.6573, 32.1840, 56.0716



34.8667, 32.1840, 22.9920



29.5468, 32.1840, 20.0641

Sweetspot

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



26.6790, 32.1852, 50.7058



69.8661, 76.7945, 93.3451



25.3708, 38.4643, 22.8459



14.6883, 16.2510, 20.0842



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.6790, 32.1852, 50.7058



42.9258, 52.8449, 90.1423



20.2661, 19.3594, 48.5681



9.0736, 9.8244, 11.4975



12.3358, 15.1313, 33.5235



0.4805, 0.6247, 1.1970

Inverse Universe

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



30.8022, 21.3253, 37.1444



51.5155, 32.1410, 61.4591



34.9111, 36.7427, 16.3192



9.2835, 9.1238, 10.8403



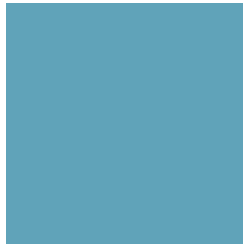
16.8402, 8.3099, 17.5773



0.6167, 0.3022, 0.7410

Previews

White Background



This preview shows how the XYZ color 26.6780, 32.1840, 50.7050 looks on a white background.

Color Contrast Check

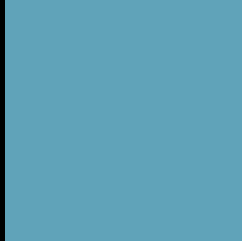
Large Text (above 18pt) WCAG AA × Fail

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 26.6780, 32.1840, 50.7050 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

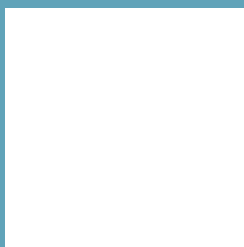
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6780, 32.1840, 50.7050

Background



This preview shows how black text looks on a background with the XYZ color 26.6780, 32.1840, 50.7050.



This preview shows how white text looks on a background with the XYZ color 26.6780, 32.1840,

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

26.6780, 32.1840, 50.7050

Protanopia

31.3768, 31.9267, 46.1037

Deuteranopia

32.5611, 31.9276, 52.0234



Tritanopia

25.9274, 32.1450, 46.9576

Trichromacy



Original Color

26.6780, 32.1840, 50.7050

Protanomaly

29.1799, 31.7393, 47.7684

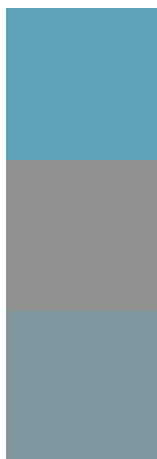
Deuteranomaly

29.8969, 31.7764, 51.5714

Tritanomaly

26.3353, 32.3200, 48.5664

Monochromacy



Original Color

26.6780, 32.1840, 50.7050

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.3258, 29.5066, 37.5655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6780, 32.1840, 50.7050 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(96, 163, 185) looks like.

```
.text, #text, p{  
    color:rgb(96, 163, 185)  
}
```

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(96, 163, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 163, 185) }
```

Border

The CSS property to change the border of an element to XYZ 26.6780, 32.1840, 50.7050 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(96, 163, 185) }
```


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

```
.border{ border-color:rgb(96, 163, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 163, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 163, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 163, 185);  
box-shadow:4px 4px 4px 4px rgb(96, 163,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6780, 32.1840, 50.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 163, 185) }
```

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

```
.background{ background-color: rgb(96, 163,  
185) }
```

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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