

Converting Colors

XYZ(26.8194, 32.3992, 40.7349)

Have a look what the booklet for
XYZ(26.8194, 32.3992, 40.7349)
contains.

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Color

**XYZ(26.9196, 32.5250,
40.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	72A3A6
RGB	114, 163, 166
RGB Percent	45%, 64%, 65%
CMY	0.5529, 0.3608, 0.3490
CMYK	0.31, 0.02, 0.00, 0.35
HSL	183°, 23%, 55%
HSV	183°, 31%, 65%
XYZ	26.9196, 32.5250, 40.9355
YIQ	148.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

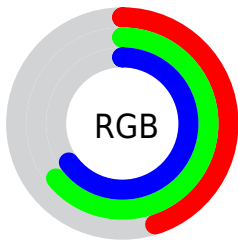
Format	Color
RYB	114, 139, 166
Decimal	7512998
CIELab	63.77, -15.50, -6.81
CIELCh	64, 16.926, 203.708
Yxy	32.5250, 0.2682, 0.3240
Android (android.graphics.Color)	4285703078 (0xFF72A3A6)
YUV	148.6910, 8.5333, -30.4240
Hunter-Lab	57.0307, -15.5482, -2.6357

Details

The XYZ color **26.9196, 32.5250, 40.9355** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.1249, 22.0448, 18.8512**, and the grayscale version is **28.4125, 29.8922, 32.5526**.

A 20% lighter version of the original color is **54.2710, 63.6881, 77.8393**, and **10.7716, 13.6405, 17.9848** is the 20% darker color. If you saturate the color by 10%, you get **24.7843, 31.1737, 40.7878**, and if you desaturate by 10%, it is **29.4500, 34.0835, 41.1035**.

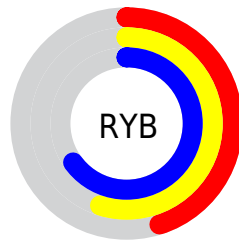
Distribution



Red (45%)

Green (64%)

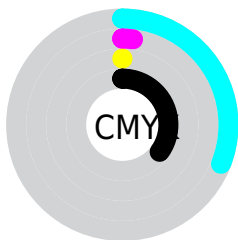
Blue (65%)



Red (45%)

Yellow (55%)

Blue (65%)

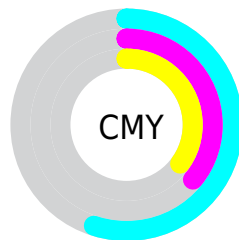


Cyan (31%)

Magenta (2%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (36%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9196, 32.5250, 40.9355 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 26.9196, 32.5250, 40.9355 by changing the saturation by 10% instead.

■ 26.9196, 32.5250,
40.9355

■ 26.9196, 32.5250,
40.9355

279.4423,
313.5039, 365.7196

■ 17.6491, 21.7628,
27.9494

■ 54.1756, 63.6332,
77.8386

■ 10.7965, 13.6827,
18.0488

■ 72.8919, 84.7480,
102.5926

■ 5.9965, 7.9003,
10.8152

■ 95.4874, 110.0825,
132.1063

■ 2.8836, 4.0312,
5.8301

122.3277,
140.0211, 166.7983

■ 1.0925, 1.6911,
2.6749

153.7779,
174.9481, 207.0871

■ 0.0188, 0.4179,
0.9308

190.2035,

■ 0.0000, 0.0000,

215.2480, 253.3912

0.0000

231.9699,
261.3051, 306.1292

■ 26.9196, 32.5250,
40.9355

■ 26.9196, 32.5250,
40.9355

■ 24.7843, 31.1737,
40.7878

■ 29.4500, 34.0835,
41.1035

■ 23.0199, 30.0147,
40.6570

■ 32.3923, 35.8555,
41.2904

■ 21.6043, 29.0374,
40.5430

■ 35.7656, 37.8516,
41.4979

■ 20.5115, 28.2284,
40.4445

■ 39.5873, 40.0807,
41.7268

■ 19.7122, 27.5726,
40.3600

■ 43.8734, 42.5512,
41.9777

■ 19.1716, 27.0521,
40.2880

■ 48.6396, 45.2711,
42.2515

■ 18.8439, 26.6749,
40.2325

■ 53.9005, 48.2480,
42.5488

■ 59.6703, 51.4891,
42.8703

■ 62.8027, 53.3726,
43.0688

Harmonies

Analogous

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



26.5947, 32.5250, 34.0004



26.9196, 32.5250, 40.9355



28.2898, 32.5250, 47.0323

Triad

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



26.9196, 32.5250, 40.9355



34.7416, 32.5250, 43.7305



31.4171, 32.5250, 23.9432

Complementary

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



26.9196, 32.5250, 40.9355



25.1249, 22.0448, 18.8512

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.



33.6957, 32.5250, 25.8867



26.9196, 32.5250, 40.9355



35.6775, 32.5250, 36.8666

Square

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



26.9196, 32.5250, 40.9355



32.7862, 32.5250, 48.7850



35.2853, 32.5250, 30.4131



29.1146, 32.5250, 24.7412

Rectangle

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



26.9196, 32.5250, 40.9355



29.6509, 32.5250, 49.5045



35.2853, 32.5250, 30.4131



32.2125, 32.5250, 24.2886

Sweetspot

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



26.9206, 32.5263, 40.9362



60.0414, 65.8198, 75.0153



23.7638, 32.1254, 21.6557



13.2520, 14.6196, 16.7756



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.9206, 32.5263, 40.9362



45.9287, 57.1844, 74.0923



22.8257, 24.3366, 39.5713



7.7100, 8.4569, 9.6443



14.6241, 20.7084, 31.2018



0.3665, 0.5253, 0.7627

Inverse Universe

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



28.3549, 22.7868, 37.5556



49.0032, 36.6238, 66.7746



28.5263, 28.8476, 19.9850



7.8230, 7.6590, 9.3849



16.8822, 8.1616, 25.2548



0.4162, 0.2007, 0.6430

Previews

White Background



This preview shows how the XYZ color 26.9196, 32.5250, 40.9355 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 26.9196, 32.5250, 40.9355 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

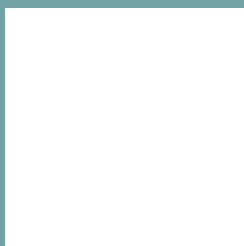
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.9196, 32.5250, 40.9355

Background



This preview shows how black text looks on a background with the XYZ color 26.9196, 32.5250, 40.9355.

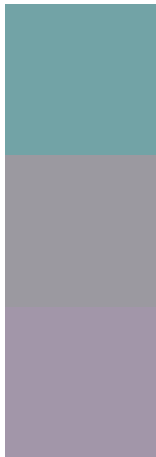


This preview shows how white text looks on a background with the XYZ color 26.9196, 32.5250,

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

26.9196, 32.5250, 40.9355

Protanopia

31.2540, 32.2891, 37.8429

Deuteranopia

32.9681, 32.3586, 42.0444



Tritanopia

27.8607, 32.6488, 45.3909

Trichromacy



Original Color

26.9196, 32.5250, 40.9355

Protanomaly

29.3938, 32.2980, 38.8673

Deuteranomaly

30.4663, 32.2896, 41.6726

Tritanomaly

27.4370, 32.4641, 43.8498

Monochromacy



Original Color

26.9196, 32.5250, 40.9355

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6253, 30.7120, 35.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9196, 32.5250, 40.9355 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(114, 163, 166)` looks like.

```
.text, #text, p{  
    color:rgb(114, 163, 166)  
}
```

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(114, 163, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.9196, 32.5250, 40.9355 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(114, 163, 166) }
```


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

```
.border{ border-color:rgb(114, 163, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 163, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(114, 163,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9196, 32.5250, 40.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 163, 166) }
```

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

```
.background{ background-color: rgb(114,  
163, 166) }
```

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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