

Converting Colors

XYZ(26.4562, 31.9348, 39.9440)

Have a look what the booklet for
XYZ(26.4562, 31.9348, 39.9440)
contains.

XYZ(26.5606, 32.0984, 39.9177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5606, 32.0984,
39.9177)**

Conversions

Conversions Part 1

Format	Color
Hex	72A2A4
RGB	114, 162, 164
RGB Percent	45%, 64%, 64%
CMY	0.5529, 0.3647, 0.3569
CMYK	0.30, 0.01, 0.00, 0.36
HSL	182°, 22%, 55%
HSV	182°, 30%, 64%
XYZ	26.5606, 32.0984, 39.9177
YIQ	147.8760, -29.2500, -9.5540

Conversions

Conversions Part 2

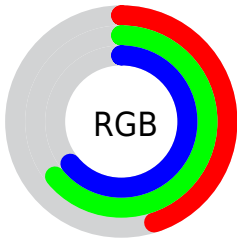
Format	Color
RYB	114, 138, 164
Decimal	7512740
CIELab	63.42, -15.45, -6.20
CIElCh	63, 16.653, 201.870
Yxy	32.0984, 0.2694, 0.3256
Android (android.graphics.Color)	4285702820 (0xFF72A2A4)
YUV	147.8760, 7.9491, -29.7093
Hunter-Lab	56.6554, -15.4646, -2.1151

Details

The XYZ color **26.5606, 32.0984, 39.9177** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.5929, 21.5985, 18.7930**, and the grayscale version is **28.0740, 29.5361, 32.1648**.

A 20% lighter version of the original color is **53.5354, 62.9557, 76.3479**, and **10.5505, 13.3785, 17.3555** is the 20% darker color. If you saturate the color by 10%, you get **24.5008, 30.8664, 39.7890**, and if you desaturate by 10%, it is **29.0053, 33.5314, 40.0660**.

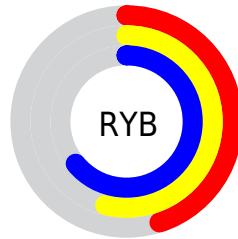
Distribution



Red (45%)

Green (64%)

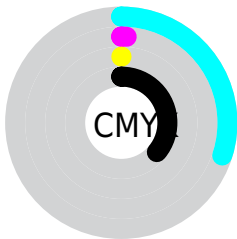
Blue (64%)



Red (45%)

Yellow (54%)

Blue (64%)

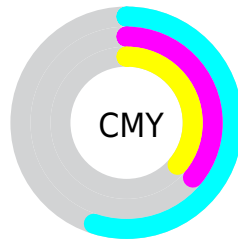


Cyan (30%)

Magenta (1%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5606, 32.0984, 39.9177 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 26.5606, 32.0984, 39.9177 by changing the saturation by 10% instead.

■ 26.5606, 32.0984,
39.9177

■ 26.5606, 32.0984,
39.9177

277.7298,
311.5673, 361.3183

■ 17.3784, 21.4367,
27.1611

■ 53.6028, 62.9653,
76.2739

■ 10.6016, 13.4436,
17.4607

■ 72.1936, 83.9393,
100.7105

■ 5.8649, 7.7347,
10.3981

■ 94.6512, 109.1195,
129.8776

■ 2.8030, 3.9257,
5.5547

121.3410,
138.8903, 164.1937

■ 1.0505, 1.6321,
2.5119

152.6284,
173.6360, 204.0772

■ 0.0000, 0.3791,
0.8464

188.8788,

■ 0.0000, 0.0000,

213.7412, 249.9468

0.0000

230.4575,
259.5901, 302.2210

■ 26.5606, 32.0984,
39.9177

■ 26.5606, 32.0984,
39.9177

■ 24.5008, 30.8664,
39.7890

■ 29.0053, 33.5314,
40.0660

■ 22.8028, 29.8210,
39.6767

■ 31.8512, 35.1712,
40.2325

■ 21.4450, 28.9519,
39.5805

■ 35.1167, 37.0282,
40.4188

■ 20.4028, 28.2463,
39.4993

■ 38.8185, 39.1111,
40.6258

■ 19.6478, 27.6897,
39.4316

■ 42.9723, 41.4279,
40.8540

■ 19.1468, 27.2649,
39.3760

■ 47.5931, 43.9864,
41.1043

■ 18.8337, 26.9459,
39.3310

■ 52.6951, 46.7938,
41.3773

■ 58.2919, 49.8572,
41.6736

■ 61.9254, 51.9093,
41.8782

Harmonies

Analogous

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



26.3100, 32.0984, 33.1774



26.5606, 32.0984, 39.9177



27.8414, 32.0984, 45.9694

Triad

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



26.5606, 32.0984, 39.9177



34.1463, 32.0984, 43.4283



31.1425, 32.0984, 23.7860

Complementary

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



26.5606, 32.0984, 39.9177



24.5929, 21.5985, 18.7930

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.



33.3409, 32.0984, 25.8489



26.5606, 32.0984, 39.9177



35.1315, 32.0984, 36.7840

Square

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



26.5606, 32.0984, 39.9177



32.1972, 32.0984, 48.1681



34.8296, 32.0984, 30.4120



28.8800, 32.0984, 24.4021

Rectangle

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



26.5606, 32.0984, 39.9177



29.1441, 32.0984, 48.5215



34.8296, 32.0984, 30.4120



31.9150, 32.0984, 24.1787

Sweetspot

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



26.5615, 32.0997, 39.9184



58.5511, 64.2619, 73.0701



23.3486, 31.3822, 21.2490



12.6307, 13.9519, 15.9648



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.



26.5615, 32.0997, 39.9184



45.4486, 56.6165, 72.2850



22.6340, 24.2447, 38.6093



7.2517, 7.9625, 9.0578



14.4491, 20.6776, 30.1594



0.3105, 0.4483, 0.6360

Inverse Universe

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



27.8495, 22.5365, 37.0660



48.2084, 36.3439, 66.1238



27.8235, 28.0597, 19.8699



7.3520, 7.1973, 8.8403



16.4387, 7.9315, 25.2985



0.3489, 0.1681, 0.5500

Previews

White Background



This preview shows how the XYZ color 26.5606, 32.0984, 39.9177 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 26.5606, 32.0984, 39.9177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

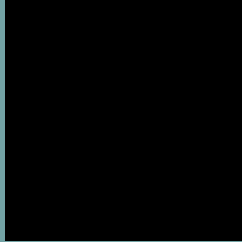
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.5606, 32.0984, 39.9177

Background



This preview shows how black text looks on a background with the XYZ color 26.5606, 32.0984, 39.9177.

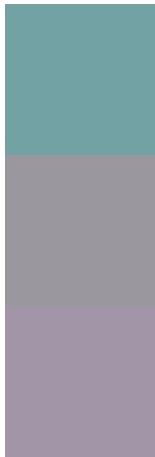


This preview shows how white text looks on a background with the XYZ color 26.5606, 32.0984,

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

26.5606, 32.0984, 39.9177

Protanopia

30.7262, 31.7951, 36.8654

Deuteranopia

32.6228, 31.9663, 41.0099



Tritanopia

27.4902, 32.2199, 44.3053

Trichromacy



Original Color

26.5606, 32.0984, 39.9177

Protanomaly

28.8811, 31.8040, 37.8743

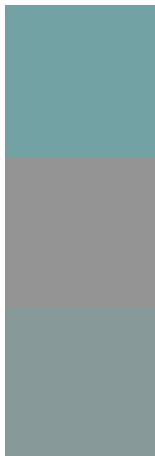
Deuteranomaly

30.1156, 31.8841, 40.6434

Tritanomaly

27.0708, 32.0369, 42.7872

Monochromacy



Original Color

26.5606, 32.0984, 39.9177

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.3773, 30.3498, 34.9870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5606, 32.0984, 39.9177 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, 162, 164)` looks like.

```
.text, #text, p{  
    color:rgb(114, 162, 164)  
}
```

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, 162, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 162, 164) }
```

Border

The CSS property to change the border of an element to XYZ 26.5606, 32.0984, 39.9177 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, 162, 164) }
```


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

```
.border{ border-color:rgb(114, 162, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 162, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 162, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 162, 164);  
box-shadow:4px 4px 4px 4px rgb(114, 162,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5606, 32.0984, 39.9177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 162, 164) }
```

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

```
.background{ background-color: rgb(114,  
162, 164) }
```

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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