

Converting Colors

XYZ(26.4605, 39.6879, 23.8865)

Have a look what the booklet for
XYZ(26.4605, 39.6879, 23.8865)
contains.

XYZ(26.4160, 39.6060, 24.0218)	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(26.4160, 39.6060,
24.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	64BB78
RGB	100, 187, 120
RGB Percent	39%, 73%, 47%
CMY	0.6078, 0.2667, 0.5294
CMYK	0.47, 0.00, 0.36, 0.27
HSL	134°, 39%, 56%
HSV	134°, 47%, 73%
XYZ	26.4160, 39.6060, 24.0218
YIQ	153.3490, -30.3450, -39.2810

Conversions

Conversions Part 2

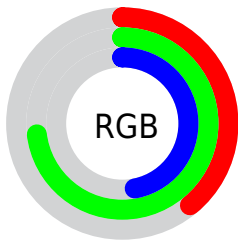
Format	Color
RYB	100, 171, 187
Decimal	6601592
CIELab	69.19, -40.89, 26.03
CIElCh	69, 48.472, 147.525
Yxy	39.6060, 0.2934, 0.4399
Android (android.graphics.Color)	4284791672 (0xFF64BB78)
YUV	153.3490, -16.4411, -46.7871
Hunter-Lab	62.9333, -35.2086, 21.4222

Details

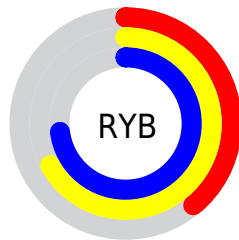
The XYZ color **26.4160, 39.6060, 24.0218** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **32.0269, 22.4699, 39.2096**, and the grayscale version is **30.5101, 32.0990, 34.9558**.

A 20% lighter version of the original color is **53.4111, 74.6871, 51.1361**, and **10.5211, 17.7436, 8.8316** is the 20% darker color. If you saturate the color by 10%, you get **23.7710, 38.3371, 19.6740**, and if you desaturate by 10%, it is **29.6692, 41.1755, 29.0860**.

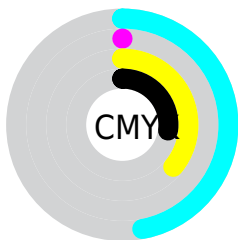
Distribution



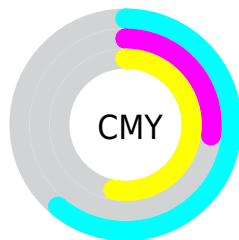
- Red (39%)
- Green (73%)
- Blue (47%)



- Red (39%)
- Yellow (67%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (36%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4160, 39.6060, 24.0218 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 26.4160, 39.6060, 24.0218 by changing the saturation by 10% instead.

■ 26.4160, 39.6060,
24.0218

■ 26.4160, 39.6060,
24.0218

277.0377,
344.4601, 286.2208

■ 17.2694, 27.2315,
15.1374

■ 53.3718, 74.5632,
51.0100

■ 10.5233, 17.7471,
8.7682

■ 71.9118, 97.9146,
69.9510

■ 5.8122, 10.7686,
4.4956

■ 94.3136, 125.6938,
93.0813

■ 2.7708, 5.9115,
1.9010

■ 120.9426,
158.2852, 120.8194

■ 1.0337, 2.7913,
0.4933

152.1641,
196.0731, 153.5838

■ 0.0000, 1.0238,
0.0000

188.3436,

■ 0.0000, 0.0000,

239.4420, 191.7932

0.0000

229.8463,
288.7762, 235.8660

■ 26.4160, 39.6060,
24.0218

■ 26.4160, 39.6060,
24.0218

■ 23.7710, 38.3371,
19.6740

■ 29.6692, 41.1755,
29.0860

■ 21.6925, 37.3446,
16.0076

■ 33.5628, 43.0582,
34.8942

■ 20.1379, 36.6084,
12.9886


■ 38.1305, 45.2720,
41.4759


■ 19.0573, 36.1035,
10.5790

■ 43.4025, 47.8319,
48.8580


■ 18.3858, 35.7974,
8.7364


■ 49.4072, 50.7520,
57.0663

 18.2069, 35.7165,
8.2189

 56.1716, 54.0456,
66.1253

 63.7210, 57.7254,
76.0586

 72.0798, 61.8035,
86.8888

 76.2059, 63.6801,
98.4005

Harmonies

Analogous

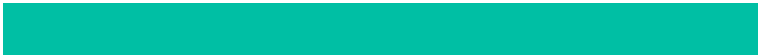
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1664, 39.6060, 15.2613



26.4160, 39.6060, 24.0218



24.6280, 39.6060, 41.3067

Triad

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



26.4160, 39.6060, 24.0218



37.0042, 39.6060, 101.3905



52.4731, 39.6060, 26.2491

Complementary

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



26.4160, 39.6060, 24.0218



32.0269, 22.4699, 39.2096

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.



54.5893, 39.6060, 44.9942



26.4160, 39.6060, 24.0218



44.9628, 39.6060, 93.1497

Square

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



26.4160, 39.6060, 24.0218



30.1936, 39.6060, 90.1029



51.6739, 39.6060, 70.3511



46.2297, 39.6060, 16.2024

Rectangle

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



26.4160, 39.6060, 24.0218



25.1426, 39.6060, 57.3011



51.6739, 39.6060, 70.3511



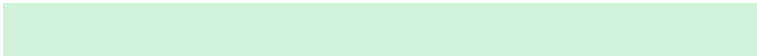
53.7252, 39.6060, 31.5027

Sweetspot

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



26.4170, 39.6076, 24.0227



70.3450, 82.0764, 77.1898



36.2524, 44.8039, 18.7942



15.0632, 17.8669, 16.3930



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.



26.4170, 39.6076, 24.0227



42.4121, 68.5822, 34.9625



29.5797, 40.8727, 40.6773



9.4962, 10.6846, 10.5967



12.5677, 24.6173, 5.7861



0.5181, 0.9746, 0.3628

Inverse Universe

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



32.0269, 22.4699, 39.2096



53.6847, 34.0579, 65.4139



28.7311, 21.1516, 21.8540



9.8336, 9.6577, 11.5126



17.6179, 8.6783, 19.0792



0.7135, 0.3493, 0.8705

Previews

White Background



This preview shows how the XYZ color 26.4160, 39.6060, 24.0218 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 26.4160, 39.6060, 24.0218 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 26.4160, 39.6060, 24.0218

Background



This preview shows how black text looks on a background with the XYZ color 26.4160, 39.6060, 24.0218.



This preview shows how white text looks on a background with the XYZ color 26.4160, 39.6060,

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

26.4160, 39.6060, 24.0218

Protanopia

36.2187, 39.1202, 20.9713

Deuteranopia

39.7995, 39.0019, 25.1691



Tritanopia

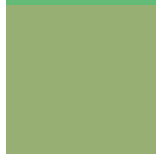
32.7709, 39.4285, 55.7524

Trichromacy



Original Color

26.4160, 39.6060, 24.0218



Protanomaly

31.3734, 38.5731, 22.0115



Deuteranomaly

32.9131, 37.8861, 24.6468



Tritanomaly

29.9624, 39.1804, 42.0598

Monochromacy



Original Color

26.4160, 39.6060, 24.0218



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

28.0944, 33.9017, 30.2623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4160, 39.6060, 24.0218 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(100, 187, 120)` looks like.

```
.text, #text, p{  
    color:rgb(100, 187, 120)  
}
```

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(100, 187, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 187, 120) }
```

Border

The CSS property to change the border of an element to XYZ 26.4160, 39.6060, 24.0218 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(100, 187, 120) }
```


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

```
.border{ border-color:rgb(100, 187, 120) }
```

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

Here you see how a box with a 4 pixel rgb(100, 187, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 187, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 187, 120);  
box-shadow:4px 4px 4px 4px rgb(100, 187,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4160, 39.6060, 24.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 187, 120) }
```

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

```
.background{ background-color: rgb(100,  
187, 120) }
```

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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