

Converting Colors

XYZ(26.6466, 41.7204, 36.3542)

Have a look what the booklet for
XYZ(26.6466, 41.7204, 36.3542)
contains.

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Color

**XYZ(26.6466, 41.7204,
36.3542)**

Conversions

Conversions Part 1

Format	Color
Hex	39C298
RGB	57, 194, 152
RGB Percent	22%, 76%, 60%
CMY	0.7765, 0.2392, 0.4039
CMYK	0.71, 0.00, 0.22, 0.24
HSL	162°, 55%, 49%
HSV	162°, 71%, 76%
XYZ	26.6466, 41.7204, 36.3542
YIQ	148.2490, -68.1700, -42.1060

Conversions

Conversions Part 2

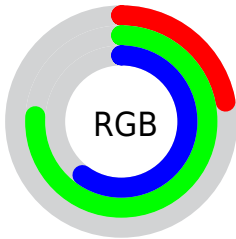
Format	Color
RYB	57, 138, 194
Decimal	3785368
CIELab	70.68, -46.37, 10.70
CIELCh	71, 47.585, 167.010
Yxy	41.7204, 0.2545, 0.3984
Android (android.graphics.Color)	4281975448 (0xFF39C298)
YUV	148.2490, 1.8492, -80.0254
Hunter-Lab	64.5913, -39.3962, 11.8435

Details

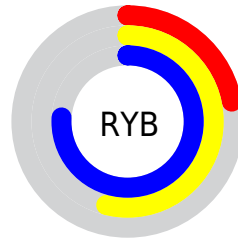
The XYZ color **26.6466, 41.7204, 36.3542** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **25.9647, 15.2974, 13.3901**, and the grayscale version is **28.2663, 29.7383, 32.3850**.

A 20% lighter version of the original color is **53.6638, 77.5882, 70.5402**, and **11.5816, 19.4048, 15.4470** is the 20% darker color. If you saturate the color by 10%, you get **25.2698, 41.0666, 33.8109**, and if you desaturate by 10%, it is **28.4725, 42.6050, 39.0479**.

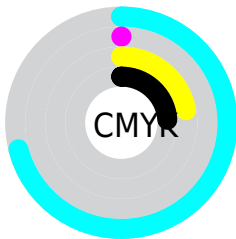
Distribution



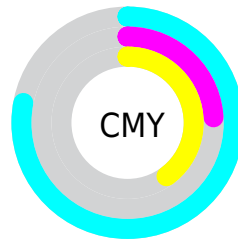
- Red (22%)
- Green (76%)
- Blue (60%)



- Red (22%)
- Yellow (54%)
- Blue (76%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (24%)





- Cyan (78%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.6466, 41.7204, 36.3542 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 26.6466, 41.7204, 36.3542 by changing the saturation by 10% instead.


 26.6466, 41.7204,
36.3542


 26.6466, 41.7204,
36.3542


278.1408,
353.3226, 345.5902


 17.4432, 28.8824,
24.4160


 53.7402, 77.7763,
70.7536


 10.6482, 18.9919,
15.4275


 72.3610, 101.7630,
94.0519


 5.8964, 11.6644,
8.9700


 94.8517, 130.2347,
121.9740

 2.8222, 6.5156,
4.6251

 121.5777,
163.5759, 154.9384

 1.0605, 3.1611,
1.9741

 152.9042,
202.1708, 193.3637

 0.0000, 1.2164,
0.5393

189.1967,

 0.0000, 0.0750,

246.4040, 237.6684

0.0000

230.8204,
296.6598, 288.2710

■ 0.0000, 0.0000,
0.0000

■ 26.6466, 41.7204,
36.3542

■ 26.6466, 41.7204,
36.3542

■ 25.2698, 41.0666,
33.8109

■ 28.4725, 42.6050,
39.0479

■ 24.2872, 40.6121,
31.4108

■ 30.7875, 43.7379,
41.8930

■ 23.6323, 40.3209,
29.2839

■ 33.6309, 45.1402,
44.8939

■ 37.0369, 46.8297,
48.0540

■ 41.0368, 48.8223,
51.3764

■ 45.6597, 51.1331,
54.8643

■ 50.9324, 53.7758,
58.5205

■ 56.8805, 56.7636,
62.3477

■ 63.5278, 60.1087,
66.3488

Harmonies

Analogous

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



29.5714, 41.7204, 21.7973



26.6466, 41.7204, 36.3542



26.8582, 41.7204, 59.3400

Triad

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



26.6466, 41.7204, 36.3542



44.2537, 41.7204, 100.8378



50.9085, 41.7204, 20.5043

Complementary

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



26.6466, 41.7204, 36.3542



25.9647, 15.2974, 13.3901

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.



55.9790, 41.7204, 33.8778



26.6466, 41.7204, 36.3542



51.8016, 41.7204, 81.9036

Square

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



26.6466, 41.7204, 36.3542



36.3449, 41.7204, 102.1846



56.3259, 41.7204, 55.8948



43.1581, 41.7204, 14.9058

Rectangle

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



26.6466, 41.7204, 36.3542



28.7438, 41.7204, 76.8738



56.3259, 41.7204, 55.8948



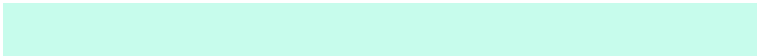
53.0252, 41.7204, 23.9923

Sweetspot

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



26.6477, 41.7220, 36.3552



73.7897, 88.1731, 92.6367



25.3296, 41.6119, 10.5684



15.6925, 19.0763, 19.9098



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.6477, 41.7220, 36.3552



44.6799, 73.8868, 58.7312



25.5925, 33.0990, 56.0807



10.2328, 11.3742, 12.2291



15.5750, 26.5240, 19.4527



0.7026, 1.1579, 0.9964

Inverse Universe

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



25.9647, 15.2974, 13.3901



43.4781, 23.1498, 15.1818



26.0140, 17.8181, 5.9397



10.1975, 10.1276, 11.1306



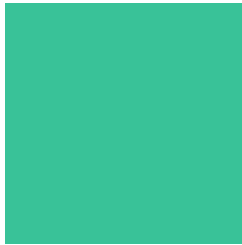
15.1872, 7.7646, 3.6320



0.6877, 0.3481, 0.3228

Previews

White Background



This preview shows how the XYZ color 26.6466, 41.7204, 36.3542 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 26.6466, 41.7204, 36.3542 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

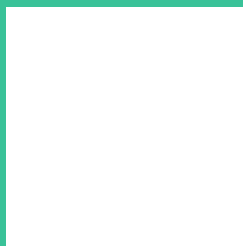
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6466, 41.7204, 36.3542

Background



This preview shows how black text looks on a background with the XYZ color 26.6466, 41.7204, 36.3542.

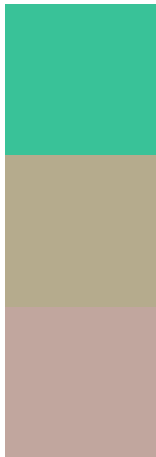


This preview shows how white text looks on a background with the XYZ color 26.6466, 41.7204,

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

26.6466, 41.7204, 36.3542

Protanopia

38.4267, 40.8727, 31.0632

Deuteranopia

41.8001, 41.0785, 38.0736



Tritanopia

31.7393, 41.5104, 62.2166

Trichromacy



Original Color

26.6466, 41.7204, 36.3542



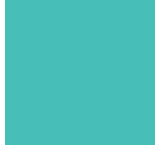
Protanomaly

31.3843, 39.5188, 32.7618



Deuteranomaly

33.0277, 39.3803, 37.3129



Tritanomaly

29.7377, 41.6653, 51.8223

Monochromacy



Original Color

26.6466, 41.7204, 36.3542



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.9502, 32.7250, 33.3826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6466, 41.7204, 36.3542 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(57, 194, 152)` looks like.

```
.text, #text, p{  
    color:rgb(57, 194, 152)  
}
```

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(57, 194, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 194, 152) }
```

Border

The CSS property to change the border of an element to XYZ 26.6466, 41.7204, 36.3542 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(57, 194, 152) }
```


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

```
.border{ border-color:rgb(57, 194, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 194, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 194, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 194, 152);  
box-shadow:4px 4px 4px 4px rgb(57, 194,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6466, 41.7204, 36.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 194, 152) }
```

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

```
.background{ background-color: rgb(57, 194,  
152) }
```

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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