

Converting Colors

XYZ(26.2754, 42.6382, 31.6561)

Have a look what the booklet for
XYZ(26.2754, 42.6382, 31.6561)
contains.

XYZ(26.2754, 42.6382, 31.6561)	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(26.2754, 42.6382,
31.6561)**

Conversions

Conversions Part 1

Format	Color
Hex	37C58C
RGB	55, 197, 140
RGB Percent	22%, 77%, 55%
CMY	0.7843, 0.2274, 0.4510
CMYK	0.72, 0.00, 0.29, 0.23
HSL	156°, 56%, 49%
HSV	156°, 72%, 77%
XYZ	26.2754, 42.6382, 31.6561
YIQ	148.0440, -66.3350, -47.8310

Conversions

Conversions Part 2

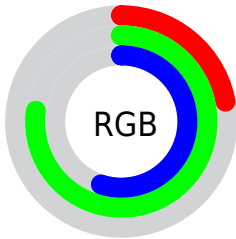
Format	Color
RYB	55, 144, 197
Decimal	3655052
CIELab	71.31, -50.61, 18.04
CIELCh	71, 53.732, 160.384
Yxy	42.6382, 0.2613, 0.4240
Android (android.graphics.Color)	4281845132 (0xFF37C58C)
YUV	148.0440, -3.9657, -81.5996
Hunter-Lab	65.2979, -42.4443, 16.9651

Details

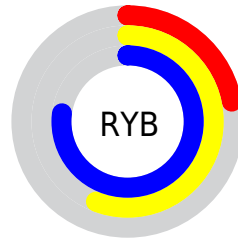
The XYZ color **26.2754, 42.6382, 31.6561** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **27.3181, 15.7734, 16.9354**, and the grayscale version is **28.2035, 29.6723, 32.3132**.

A 20% lighter version of the original color is **53.2433, 79.4081, 63.5600**, and **11.5185, 20.0842, 12.9424** is the 20% darker color. If you saturate the color by 10%, you get **24.8418, 41.9652, 28.6543**, and if you desaturate by 10%, it is **28.1837, 43.5533, 34.9008**.

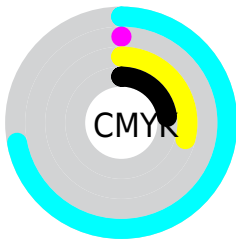
Distribution



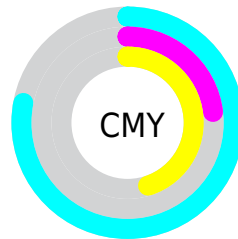
- Red (22%)
- Green (77%)
- Blue (55%)



- Red (22%)
- Yellow (56%)
- Blue (77%)



- Cyan (72%)
- Magenta (0%)
- Yellow (29%)
- Black (23%)



- Cyan (78%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2754, 42.6382, 31.6561 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 26.2754, 42.6382, 31.6561 by changing the saturation by 10% instead.

■ 26.2754, 42.6382,
31.6561

■ 26.2754, 42.6382,
31.6561

276.3634,
357.1217, 323.9940

■ 17.1635, 29.6013,
20.8363

■ 53.1470, 79.1646,
63.3632

■ 10.4472, 19.5362,
12.8143

■ 71.6375, 103.4229,
85.0876

■ 5.7610, 12.0584,
7.1716

■ 93.9850, 132.1906,
111.2840

■ 2.7396, 6.7834,
3.4896

■ 120.5547,
165.8519, 142.3708

■ 1.0176, 3.3270,
1.3497

■ 151.7120,
204.7912, 178.7667

■ 0.0000, 1.3048,
0.1020

187.8223,

■ 0.0000, 0.1449,

249.3931, 220.8902

0.0000

229.2510,
300.0418, 269.1598

■ 0.0000, 0.0000,
0.0000

■ 26.2754, 42.6382,
31.6561

■ 26.2754, 42.6382,
31.6561

■ 24.8418, 41.9652,
28.6543

■ 28.1837, 43.5533,
34.9008

■ 23.8238, 41.5007,
25.8852

■ 30.6100, 44.7293,
38.3921

■ 23.2324, 41.2402,
23.8511

■ 33.5962, 46.1889,
42.1371

■ 37.1788, 47.9509,
46.1417

■ 41.3911, 50.0323,
50.4117

■ 46.2640, 52.4489,
54.9522

■ 51.8263, 55.2155,
59.7687

■ 58.1048, 58.3459,
64.8661

■ 65.1251, 61.8531,
70.2493

Harmonies

Analogous

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



30.2877, 42.6382, 17.9203



26.2754, 42.6382, 31.6561



25.7374, 42.6382, 55.9757

Triad

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



26.2754, 42.6382, 31.6561



43.7365, 42.6382, 114.5044



55.2391, 42.6382, 21.0902

Complementary

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



26.2754, 42.6382, 31.6561



27.3181, 15.7734, 16.9354

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.



60.1111, 42.6382, 38.0289



26.2754, 42.6382, 31.6561



52.8459, 42.6382, 95.5235

Square

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



26.2754, 42.6382, 31.6561



34.9736, 42.6382, 110.7655



59.1756, 42.6382, 65.1953



46.6377, 42.6382, 13.5771

Rectangle

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



26.2754, 42.6382, 31.6561



27.3203, 42.6382, 76.3843



59.1756, 42.6382, 65.1953



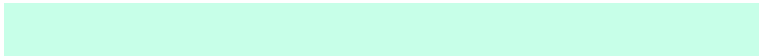
57.4212, 42.6382, 25.5469

Sweetspot

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



26.2765, 42.6399, 31.6571



73.9205, 89.5020, 90.0818



27.6183, 43.7988, 10.6132



15.3544, 18.9258, 18.8210



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.



26.2765, 42.6399, 31.6571



43.4493, 74.6786, 48.6685



29.0387, 39.6128, 58.9409



10.7595, 11.9927, 12.6837



15.3226, 27.1414, 15.9095



0.7606, 1.2992, 0.9382

Inverse Universe

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



27.3181, 15.7734, 16.9354



45.4829, 23.9521, 21.2058



25.7140, 16.1416, 5.3752



10.8073, 10.7063, 11.9687



16.1143, 8.1953, 5.8116



0.7987, 0.4023, 0.4629

Previews

White Background



This preview shows how the XYZ color 26.2754, 42.6382, 31.6561 looks on a white background.

Color Contrast Check

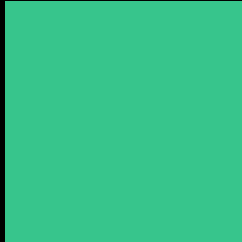
Large Text (above 18pt) WCAG AA × Fail

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 26.2754, 42.6382, 31.6561 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

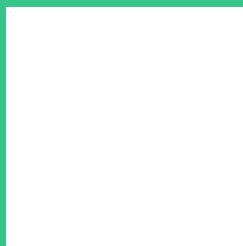
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2754, 42.6382, 31.6561

Background



This preview shows how black text looks on a background with the XYZ color 26.2754, 42.6382, 31.6561.

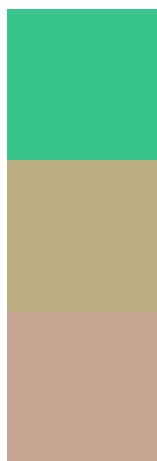


This preview shows how white text looks on a background with the XYZ color 26.2754, 42.6382,

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

26.2754, 42.6382, 31.6561

Protanopia

39.1557, 41.9112, 26.7948

Deuteranopia

42.6384, 41.8861, 33.4413



Tritanopia

32.6640, 42.5938, 63.6266

Trichromacy



Original Color

26.2754, 42.6382, 31.6561



Protanomaly

31.4428, 40.5526, 28.3605



Deuteranomaly

32.9871, 40.0575, 32.3788



Tritanomaly

29.9378, 42.4519, 50.3322

Monochromacy



Original Color

26.2754, 42.6382, 31.6561



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

25.6865, 32.8942, 31.7835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2754, 42.6382, 31.6561 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(55, 197, 140)` looks like.

```
.text, #text, p{  
  color:rgb(55, 197, 140)  
}
```

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(55, 197, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 197, 140) }
```

Border

The CSS property to change the border of an element to XYZ 26.2754, 42.6382, 31.6561 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(55, 197, 140) }
```


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

```
.border{ border-color:rgb(55, 197, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 197, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 197, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 197, 140);  
box-shadow:4px 4px 4px 4px rgb(55, 197,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2754, 42.6382, 31.6561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 197, 140) }
```

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

```
.background{ background-color: rgb(55, 197,  
140) }
```

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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