

Converting Colors

XYZ(33.1655, 35.8042, 26.6356)

Have a look what the booklet for
XYZ(33.1655, 35.8042, 26.6356)
contains.

XYZ(33.1655, 35.8042, 26.6356)	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(33.1655, 35.8042,
26.6356)**

Conversions

Conversions Part 1

Format	Color
Hex	A8A283
RGB	168, 162, 131
RGB Percent	66%, 64%, 51%
CMY	0.3412, 0.3647, 0.4863
CMYK	0.00, 0.04, 0.22, 0.34
HSL	50°, 18%, 59%
HSV	50°, 22%, 66%
XYZ	33.1655, 35.8042, 26.6356
YIQ	160.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

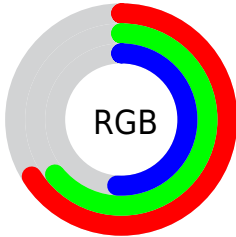
Format	Color
RYB	138, 168, 131
Decimal	11051651
CIELab	66.37, -3.04, 16.93
CIELCh	66, 17.204, 100.161
Yxy	35.8042, 0.3469, 0.3745
Android (android.graphics.Color)	4289241731 (0xFFA8A283)
YUV	160.2600, -14.4252, 6.7880
Hunter-Lab	59.8366, -5.7773, 15.4933

Details

The XYZ color **33.1655, 35.8042, 26.6356** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.3735, 25.5431, 40.6389**, and the grayscale version is **33.5945, 35.3440, 38.4896**.

A 20% lighter version of the original color is **63.8960, 68.7744, 55.2545**, and **14.2636, 15.4589, 10.0167** is the 20% darker color. If you saturate the color by 10%, you get **31.6439, 34.4377, 20.9591**, and if you desaturate by 10%, it is **34.8840, 37.2686, 33.2896**.

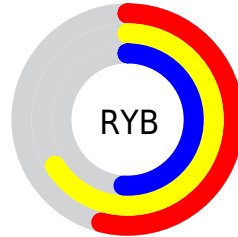
Distribution



Red (66%)

Green (64%)

Blue (51%)



Red (54%)

Yellow (66%)

Blue (51%)

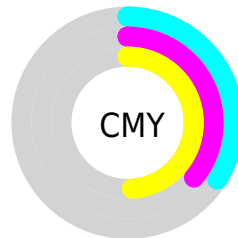


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (34%)



Cyan (34%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1655, 35.8042, 26.6356 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 33.1655, 35.8042, 26.6356 by changing the saturation by 10% instead.

■ 33.1655, 35.8042,
26.6356

■ 33.1655, 35.8042,
26.6356

308.0466,
328.1039, 299.5926

■ 22.4131, 24.2830,
17.0697

■ 63.9868, 68.7297,
55.2952

■ 14.2791, 15.5437,
10.1217

■ 84.7864, 90.9029,
75.2260

■ 8.3980, 9.2018,
5.3731

■ 109.6657,
117.3955, 99.4488

■ 4.4046, 4.8731,
2.4052

138.9902,
148.5919, 128.3822

■ 1.9335, 2.1730,
0.7893

173.1252,
184.8766, 162.4447

■ 0.5962, 0.7052,
0.0000

212.4360,

■ 0.0000, 0.0000,

226.6339, 202.0550

0.0000

257.2881,
274.2482, 247.6314

■ 33.1655, 35.8042,
26.6356

■ 33.1655, 35.8042,
26.6356

■ 31.6439, 34.4377,
20.9591

■ 34.8840, 37.2686,
33.2896

■ 30.3075, 33.1605,
16.2109

■ 36.8050, 38.8294,
40.9624

■ 29.1475, 31.9703,
12.3411

■ 38.9373, 40.4915,
49.6958

■ 28.1533, 30.8628,
9.2942

■ 41.2882, 42.2581,
59.5285

■ 27.3131, 29.8330,
7.0082

■ 43.8648, 44.1319,
70.4974

■ 26.6134, 28.8755,
5.4127

■ 46.6739, 46.1159,
82.6375

■ 26.0382, 27.9839,
4.4235

■ 49.7218, 48.2126,
95.9824

■ 25.6402, 27.3083,
3.9196

■ 51.2943, 49.7365,
101.5043

■ 51.8645, 50.8768,
101.6944

Harmonies

Analogous

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



35.7375, 35.8042, 27.1184



33.1655, 35.8042, 26.6356



30.9389, 35.8042, 29.1284

Triad

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



33.1655, 35.8042, 26.6356



30.3884, 35.8042, 48.8548



38.8997, 35.8042, 43.9934

Complementary

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



33.1655, 35.8042, 26.6356



25.3735, 25.5431, 40.6389

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.



37.3222, 35.8042, 50.8459



33.1655, 35.8042, 26.6356



32.3793, 35.8042, 53.8884

Square

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



33.1655, 35.8042, 26.6356



29.3899, 35.8042, 41.5380



34.9111, 35.8042, 54.6597



39.1363, 35.8042, 36.5382

Rectangle

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



33.1655, 35.8042, 26.6356



29.9174, 35.8042, 32.3515



34.9111, 35.8042, 54.6597



38.5050, 35.8042, 46.4677

Sweetspot

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



33.1664, 35.8058, 26.6364



64.9612, 68.9928, 66.9878



28.7924, 26.3688, 27.3022



14.1166, 15.0032, 14.4325



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.



33.1664, 35.8058, 26.6364



58.9118, 63.8481, 43.5329



31.7455, 36.6789, 26.8798



8.0418, 8.5637, 8.0184



19.3938, 20.6848, 2.9704



0.4986, 0.5568, 0.0812

Inverse Universe

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



25.3735, 25.5431, 40.6389



42.4451, 42.1647, 73.1266



26.5701, 24.9296, 40.4574



7.2264, 7.4897, 9.4831



5.6634, 2.7869, 28.2149



0.1657, 0.1237, 0.6958

Previews

White Background



This preview shows how the XYZ color 33.1655, 35.8042, 26.6356 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 33.1655, 35.8042, 26.6356 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

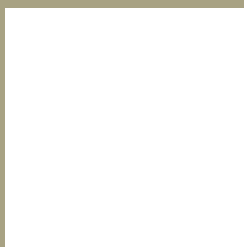
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.1655, 35.8042, 26.6356

Background



This preview shows how black text looks on a background with the XYZ color 33.1655, 35.8042, 26.6356.



This preview shows how white text looks on a background with the XYZ color 33.1655, 35.8042,

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

33.1655, 35.8042, 26.6356

Protanopia

33.6362, 35.7864, 26.6074

Deuteranopia

36.3797, 35.6734, 26.7980



Tritanopia

36.4520, 35.8628, 42.5371

Trichromacy



Original Color

33.1655, 35.8042, 26.6356

Protanomaly

33.4192, 35.6745, 26.5972

Deuteranomaly

35.2141, 35.8230, 26.8883

Tritanomaly

35.1091, 35.8208, 36.0740

Monochromacy



Original Color

33.1655, 35.8042, 26.6356

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2739, 35.4462, 33.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1655, 35.8042, 26.6356 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(168, 162, 131)` looks like.

```
.text, #text, p{  
    color:rgb(168, 162, 131)  
}
```

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(168, 162, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 162, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.1655, 35.8042, 26.6356 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(168, 162, 131) }
```


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

```
.border{ border-color:rgb(168, 162, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 162, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 162, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 162, 131);  
box-shadow:4px 4px 4px 4px rgb(168, 162,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1655, 35.8042, 26.6356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 162, 131) }
```

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

```
.background{ background-color: rgb(168,  
162, 131) }
```

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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