

Converting Colors

XYZ(26.9601, 34.3277, 23.5469)

Have a look what the booklet for
XYZ(26.9601, 34.3277, 23.5469)
contains.

XYZ(26.8756, 34.2357, 23.6040)	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(26.8756, 34.2357,
23.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	83A87A
RGB	131, 168, 122
RGB Percent	51%, 66%, 48%
CMY	0.4863, 0.3412, 0.5216
CMYK	0.22, 0.00, 0.27, 0.34
HSL	108°, 21%, 57%
HSV	108°, 27%, 66%
XYZ	26.8756, 34.2357, 23.6040
YIQ	151.6930, -7.2860, -22.1500

Conversions

Conversions Part 2

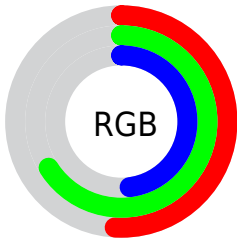
Format	Color
RYB	122, 168, 159
Decimal	8628346
CIELab	65.15, -21.60, 19.77
CIELCh	65, 29.282, 137.540
Yxy	34.2357, 0.3172, 0.4041
Android (android.graphics.Color)	4286818426 (0xFF83A87A)
YUV	151.6930, -14.6386, -18.1478
Hunter-Lab	58.5113, -20.4055, 17.0398

Details

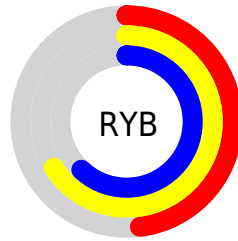
The XYZ color **26.8756, 34.2357, 23.6040** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.3268, 24.1181, 40.2098**, and the grayscale version is **29.7768, 31.3275, 34.1156**.

A 20% lighter version of the original color is **54.1331, 66.1848, 50.4793**, and **10.8413, 14.7212, 8.5734** is the 20% darker color. If you saturate the color by 10%, you get **23.9653, 32.8464, 18.4958**, and if you desaturate by 10%, it is **30.2408, 35.8407, 29.6744**.

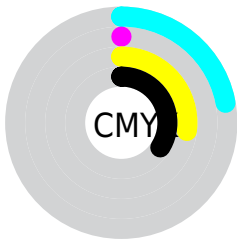
Distribution



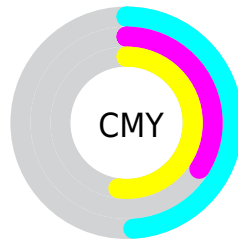
- Red (51%)
- Green (66%)
- Blue (48%)



- Red (48%)
- Yellow (66%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (27%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8756, 34.2357, 23.6040 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 26.8756, 34.2357, 23.6040 by changing the saturation by 10% instead.

■ 26.8756, 34.2357,
23.6040

■ 26.8756, 34.2357,
23.6040

279.2328,
321.1818, 284.0341

■ 17.6159, 23.0747,
14.8307

■ 54.1055, 66.3000,
50.3189

■ 10.7726, 14.6487,
8.5553

■ 72.8064, 87.9722,
69.0976

■ 5.9803, 8.5732,
4.3595

■ 95.3851, 113.9169,
92.0484

■ 2.8737, 4.4639,
1.8245

122.2069,
144.5184, 119.5899

■ 1.0873, 1.9363,
0.4441

153.6373,
180.1613, 152.1407

■ 0.0145, 0.5701,
0.0000

190.0415,

■ 0.0000, 0.0000,

221.2299, 190.1193

0.0000

231.7849,
268.1086, 233.9443

■ 26.8756, 34.2357,
23.6040

■ 26.8756, 34.2357,
23.6040

■ 23.9653, 32.8464,
18.4958

■ 30.2408, 35.8407,
29.6744

■ 21.4873, 31.6593,
14.2982

■ 34.0766, 37.6654,
36.7503

■ 19.4214, 30.6661,
10.9583

■ 38.4013, 39.7196,
44.8755

■ 17.7444, 29.8561,
8.4169

■ 43.2317, 42.0108,
54.0901

■ 16.4308, 29.2176,
6.6073

■ 48.5834, 44.5463,
64.4323

■ 15.4519, 28.7375,
5.4517

■ 54.4714, 47.3331,
75.9386

■ 14.7692, 28.3987,
4.8294

■ 60.9104, 50.3780,
88.6437

■ 14.6263, 28.3277,
4.6969

■ 67.6872, 53.5965,
101.3854

■ 72.4245, 56.0387,
101.6071

Harmonies

Analogous

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



30.1387, 34.2357, 19.1174



26.8756, 34.2357, 23.6040



25.1947, 34.2357, 32.4517

Triad

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



26.8756, 34.2357, 23.6040



30.8084, 34.2357, 65.1189



40.9709, 34.2357, 30.6588

Complementary

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



26.8756, 34.2357, 23.6040



28.3268, 24.1181, 40.2098

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.



41.1899, 34.2357, 42.5581



26.8756, 34.2357, 23.6040



35.0656, 34.2357, 64.3433

Square

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



26.8756, 34.2357, 23.6040



27.3290, 34.2357, 57.3470



38.9491, 34.2357, 55.4144



38.3746, 34.2357, 22.5388

Rectangle

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



26.8756, 34.2357, 23.6040



25.0921, 34.2357, 40.4331



38.9491, 34.2357, 55.4144



41.3326, 34.2357, 34.2893

Sweetspot

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



26.8765, 34.2372, 23.6048



61.2704, 68.0783, 65.6369



32.0265, 34.4591, 23.3761



13.1232, 14.7282, 13.8767



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.



26.8765, 34.2372, 23.6048



45.3867, 60.5104, 36.8629



26.4594, 33.9162, 28.3708



7.5687, 8.4758, 8.0263



11.0791, 21.4087, 3.5484



0.3072, 0.5403, 0.0881

Inverse Universe

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



28.3268, 24.1181, 40.2098



48.4648, 38.9756, 72.1938



28.9586, 24.5845, 33.8796



7.6960, 7.5914, 9.4780



12.9404, 6.0545, 28.4621



0.3506, 0.1657, 0.6942

Previews

White Background



This preview shows how the XYZ color 26.8756, 34.2357, 23.6040 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 26.8756, 34.2357, 23.6040 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 26.8756, 34.2357, 23.6040

Background



This preview shows how black text looks on a background with the XYZ color 26.8756, 34.2357, 23.6040.



This preview shows how white text looks on a background with the XYZ color 26.8756, 34.2357,

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

26.8756, 34.2357, 23.6040

Protanopia

31.6300, 33.8333, 21.6930

Deuteranopia

34.5997, 33.8299, 24.4449



Tritanopia

31.2001, 34.1212, 44.9860

Trichromacy



Original Color

26.8756, 34.2357, 23.6040

Protanomaly

29.5922, 33.7902, 22.4152

Deuteranomaly

31.2757, 33.5939, 24.2379

Tritanomaly

29.5084, 34.2358, 36.0633

Monochromacy



Original Color

26.8756, 34.2357, 23.6040

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5362, 32.3061, 29.9310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8756, 34.2357, 23.6040 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(131, 168, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 168, 122)  
}
```

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(131, 168, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 168, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.8756, 34.2357, 23.6040 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(131, 168, 122) }
```


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

```
.border{ border-color:rgb(131, 168, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 168, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 168, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 168, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 168,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8756, 34.2357, 23.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 168, 122) }
```

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

```
.background{ background-color: rgb(131,  
168, 122) }
```

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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