

Converting Colors

XYZ(26.1771, 33.6347, 41.5320)

Have a look what the booklet for
XYZ(26.1771, 33.6347, 41.5320)
contains.

XYZ(26.3086, 33.8186, 41.7002)	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(26.3086, 33.8186,
41.7002)**

Conversions

Conversions Part 1

Format	Color
Hex	63A9A7
RGB	99, 169, 167
RGB Percent	39%, 66%, 65%
CMY	0.6118, 0.3372, 0.3451
CMYK	0.41, 0.00, 0.01, 0.34
HSL	178°, 29%, 53%
HSV	178°, 41%, 66%
XYZ	26.3086, 33.8186, 41.7002
YIQ	147.8420, -41.0780, -15.4620

Conversions

Conversions Part 2

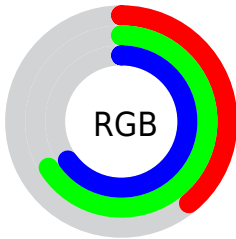
Format	Color
R _Y B	99, 135, 169
Decimal	6531495
CIE Lab	64.82, -22.50, -5.90
CIE LCh	65, 23.261, 194.691
Yxy	33.8186, 0.2584, 0.3321
Android (android.graphics.Color)	4284721575 (0xFF63A9A7)
YUV	147.8420, 9.4449, -42.8344
Hunter-Lab	58.1538, -21.0162, -1.8073

Details

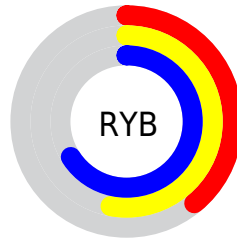
The XYZ color **26.3086, 33.8186, 41.7002** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.1742, 18.2993, 14.6239**, and the grayscale version is **28.0575, 29.5186, 32.1458**.

A 20% lighter version of the original color is **53.1669, 65.4553, 78.9392**, and **10.4945, 14.4959, 18.4645** is the 20% darker color. If you saturate the color by 10%, you get **24.6077, 32.9477, 41.3885**, and if you desaturate by 10%, it is **28.3981, 34.8914, 42.0324**.

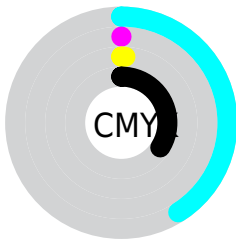
Distribution



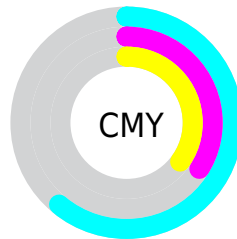
- Red (39%)
- Green (66%)
- Blue (65%)



- Red (39%)
- Yellow (53%)
- Blue (66%)



- Cyan (41%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (61%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3086, 33.8186, 41.7002 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 26.3086, 33.8186, 41.7002 by changing the saturation by 10% instead.

■ 26.3086, 33.8186,
41.7002

■ 26.3086, 33.8186,
41.7002

276.5227,
319.3224, 369.0016

■ 17.1885, 22.7543,
28.5428

■ 53.2001, 65.6515,
79.0109

■ 10.4651, 14.4122,
18.4926

■ 71.7023, 87.1888,
104.0012

■ 5.7731, 8.4079,
11.1312

■ 94.0626, 112.9860,
133.7730

■ 2.7469, 4.3570,
6.0398

■ 120.6463,
143.4273, 168.7447

■ 1.0214, 1.8752,
2.8001

151.8188,
178.8972, 209.3348

■ 0.0000, 0.5334,
0.9935

187.9455,

■ 0.0000, 0.0000,

219.7801, 255.9620

0.0000

229.3917,
266.4604, 309.0447

■ 26.3086, 33.8186,
41.7002

■ 26.3086, 33.8186,
41.7002

■ 24.6077, 32.9477,
41.3885

■ 28.3981, 34.8914,
42.0324

■ 23.2680, 32.2622,
41.0938

■ 30.8953, 36.1736,
42.3839

■ 22.2636, 31.7495,
40.8157

■ 33.8218, 37.6770,
42.7563

■ 21.5635, 31.3937,
40.5528

■ 37.1967, 39.4116,
43.1506

■ 21.1313, 31.1760,
40.3032

■ 41.0379, 41.3866,
43.5675

■ 20.9047, 31.0635,
40.0965

■ 45.3626, 43.6108,
44.0080

■ 50.1867, 46.0924,
44.4727

■ 55.5258, 48.8395,
44.9624

■ 61.3945, 51.8596,
45.4778

Harmonies

Analogous

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



26.3243, 33.8186, 32.1652



26.3086, 33.8186, 41.7002



27.7798, 33.8186, 51.3742

Triad

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



26.3086, 33.8186, 41.7002



36.8881, 33.8186, 51.5502



33.8738, 33.8186, 21.7461

Complementary

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



26.3086, 33.8186, 41.7002



23.1742, 18.2993, 14.6239

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.



36.9420, 33.8186, 25.3165



26.3086, 33.8186, 41.7002



38.7628, 33.8186, 41.9095

Square

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



26.3086, 33.8186, 41.7002



33.8043, 33.8186, 57.6966



38.7832, 33.8186, 32.3412



30.5381, 33.8186, 21.7099

Rectangle

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



26.3086, 33.8186, 41.7002



29.4686, 33.8186, 56.1362



38.7832, 33.8186, 32.3412



34.9756, 33.8186, 22.5410

Sweetspot

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



26.3096, 33.8199, 41.7010



60.1248, 67.2457, 76.5167



21.8454, 32.0641, 16.8428



12.9567, 14.5807, 16.6591



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.



26.3096, 33.8199, 41.7010



44.2127, 59.0787, 74.1501



21.1592, 23.2207, 40.9044



7.7381, 8.5283, 9.6072



15.5831, 23.1520, 29.9011



0.3819, 0.5644, 0.7421

Inverse Universe

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



23.1742, 18.2993, 14.6239



37.8106, 27.3706, 18.8499



26.8216, 25.7493, 15.3616



7.5395, 7.5457, 7.8921



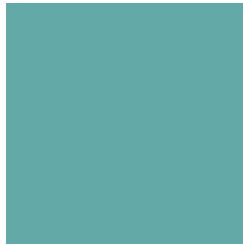
12.2178, 6.2958, 0.6927



0.2999, 0.1542, 0.0307

Previews

White Background



This preview shows how the XYZ color 26.3086, 33.8186, 41.7002 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 26.3086, 33.8186, 41.7002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

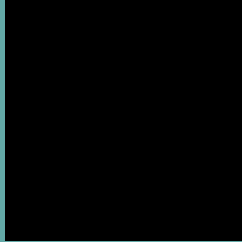
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.3086, 33.8186, 41.7002

Background



This preview shows how black text looks on a background with the XYZ color 26.3086, 33.8186, 41.7002.

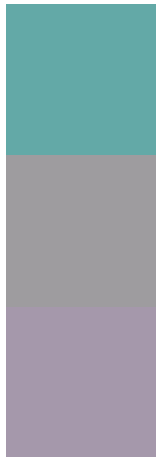


This preview shows how white text looks on a background with the XYZ color 26.3086, 33.8186,

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

26.3086, 33.8186, 41.7002

Protanopia

32.2470, 33.5492, 37.5769

Deuteranopia

34.0960, 33.3961, 43.1771



Tritanopia

27.6505, 33.8163, 48.2499

Trichromacy



Original Color

26.3086, 33.8186, 41.7002

Protanomaly

29.5830, 33.4167, 39.0733

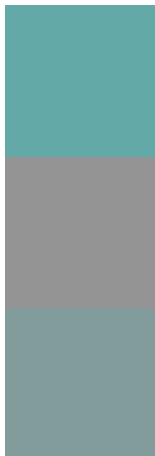
Deuteranomaly

30.4671, 33.0187, 42.7977

Tritanomaly

27.2200, 33.9252, 45.6710

Monochromacy



Original Color

26.3086, 33.8186, 41.7002

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.0108, 30.8893, 35.5490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3086, 33.8186, 41.7002 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(99, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(99, 169, 167)  
}
```

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(99, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 169, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.3086, 33.8186, 41.7002 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(99, 169, 167) }
```


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

```
.border{ border-color:rgb(99, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(99, 169,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3086, 33.8186, 41.7002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 169, 167) }
```

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

```
.background{ background-color: rgb(99, 169,  
167) }
```

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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