

Converting Colors

XYZ(26.7474, 35.4791, 43.4955)

Have a look what the booklet for
XYZ(26.7474, 35.4791, 43.4955)
contains.

XYZ(26.7061, 35.3985, 43.4552)	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(26.7061, 35.3985,
43.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	5BAEAA
RGB	91, 174, 170
RGB Percent	36%, 68%, 67%
CMY	0.6431, 0.3176, 0.3333
CMYK	0.48, 0.00, 0.02, 0.32
HSL	177°, 34%, 52%
HSV	177°, 48%, 68%
XYZ	26.7061, 35.3985, 43.4552
YIQ	148.7270, -48.1840, -18.8400

Conversions

Conversions Part 2

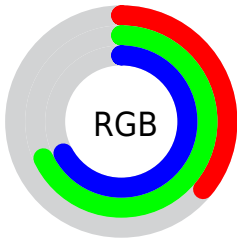
Format	Color
RYB	91, 134, 174
Decimal	6008490
CIELab	66.06, -26.21, -5.77
CIElCh	66, 26.838, 192.419
Yxy	35.3985, 0.2530, 0.3353
Android (android.graphics.Color)	4284198570 (0xFF5BAEAA)
YUV	148.7270, 10.4876, -50.6266
Hunter-Lab	59.4966, -23.9963, -1.6566

Details

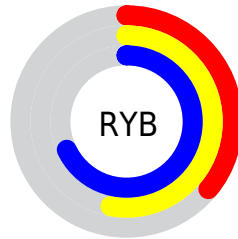
The XYZ color **26.7061, 35.3985, 43.4552** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.2634, 17.3081, 12.9424**, and the grayscale version is **28.4251, 29.9054, 32.5670**.

A 20% lighter version of the original color is **53.9200, 68.2329, 81.5625**, and **10.6725, 15.2741, 19.5252** is the 20% darker color. If you saturate the color by 10%, you get **25.1069, 34.5840, 42.9681**, and if you desaturate by 10%, it is **28.7056, 36.4209, 43.9652**.

Distribution



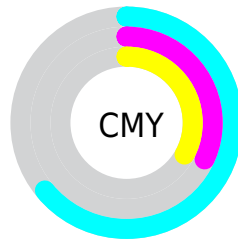
- Red (36%)
- Green (68%)
- Blue (67%)



- Red (36%)
- Yellow (53%)
- Blue (68%)



- Cyan (48%)
- Magenta (0%)
- Yellow (2%)
- Black (32%)



- Cyan (64%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7061, 35.3985, 43.4552 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 26.7061, 35.3985, 43.4552 by changing the saturation by 10% instead.

■ 26.7061, 35.3985,
43.4552

■ 26.7061, 35.3985,
43.4552

278.4249,
326.3238, 376.4565

■ 17.4881, 23.9700,
29.9084

■ 53.8351, 68.1027,
81.6910

■ 10.6805, 15.3114,
19.5176

■ 72.4768, 90.1471,
107.2171

■ 5.9181, 9.0382,
11.8643

■ 94.9904, 116.4990,
137.5734

■ 2.8356, 4.7661,
6.5299

■ 121.7413,
147.5427, 173.1784

■ 1.0674, 2.1107,
3.0959

153.0949,
183.6626, 214.4507

■ 0.0000, 0.6706,
1.1438

189.4164,

■ 0.0000, 0.0000,

225.2432, 261.8088

0.0000

231.0713,
272.6688, 315.6712

■ 26.7061, 35.3985,
43.4552

■ 26.7061, 35.3985,
43.4552

■ 25.1069, 34.5840,
42.9681

■ 28.7056, 36.4209,
43.9652

■ 23.8769, 33.9591,
42.5002

■ 31.1275, 37.6602,
44.4969

■ 22.9858, 33.5087,
42.0507

■ 33.9960, 39.1296,
45.0521

■ 22.3968, 33.2140,
41.6181

■ 37.3324, 40.8403,
45.6318

■ 22.0519, 33.0451,
41.1995

■ 41.1569, 42.8024,
46.2371

■ 21.9841, 33.0122,
41.1041

■ 45.4884, 45.0259,
46.8688

■ 50.3448, 47.5199,
47.5277

■ 55.7430, 50.2932,
48.2146

■ 61.6994, 53.3541,
48.9303

Harmonies

Analogous

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



26.8594, 35.3985, 32.2899



26.7061, 35.3985, 43.4552



28.3020, 35.3985, 55.3128

Triad

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



26.7061, 35.3985, 43.4552



39.0804, 35.3985, 57.1092



36.0120, 35.3985, 21.1863

Complementary

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



26.7061, 35.3985, 43.4552



23.2634, 17.3081, 12.9424

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.



39.6219, 35.3985, 25.5596



26.7061, 35.3985, 43.4552



41.4872, 35.3985, 45.5553

Square

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



26.7061, 35.3985, 43.4552



35.3193, 35.3985, 64.1778



41.6929, 35.3985, 34.0156



32.0248, 35.3985, 20.8451

Rectangle

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



26.7061, 35.3985, 43.4552



30.2222, 35.3985, 61.4369



41.6929, 35.3985, 34.0156



37.3174, 35.3985, 22.1869

Sweetspot

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



26.7071, 35.3999, 43.4560



63.6546, 71.9956, 82.0751



21.7604, 33.4697, 15.2117



13.8732, 15.8610, 18.1931



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



26.7071, 35.3999, 43.4560



45.4610, 62.6898, 77.9105



20.8514, 23.0733, 43.4005



8.2194, 9.0653, 10.1804



15.9511, 23.9457, 29.8458



0.4487, 0.6681, 0.8565

Inverse Universe

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



23.2634, 17.3081, 12.9424



38.4819, 25.9773, 16.0362



27.1100, 25.2850, 13.3499



8.0203, 8.0214, 8.4178



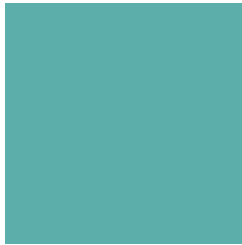
12.7004, 6.5427, 0.8018



0.3583, 0.1840, 0.0484

Previews

White Background



This preview shows how the XYZ color 26.7061, 35.3985, 43.4552 looks on a white background.

Color Contrast Check

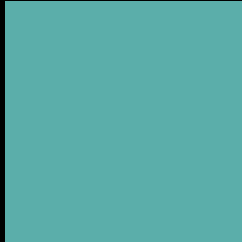
Large Text (above 18pt) WCAG AA × Fail

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 26.7061, 35.3985, 43.4552 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 26.7061, 35.3985, 43.4552

Background



This preview shows how black text looks on a background with the XYZ color 26.7061, 35.3985, 43.4552.

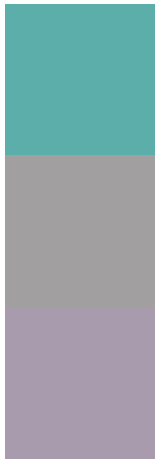


This preview shows how white text looks on a background with the XYZ color 26.7061, 35.3985,

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

26.7061, 35.3985, 43.4552

Protanopia

33.7315, 35.0509, 38.7059

Deuteranopia

35.7235, 34.9337, 44.9044



Tritanopia

28.4393, 35.5370, 51.8148

Trichromacy



Original Color

26.7061, 35.3985, 43.4552

Protanomaly

30.1296, 34.4655, 40.1865

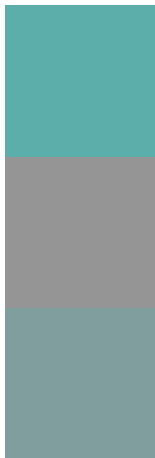
Deuteranomaly

31.4477, 34.5205, 44.5408

Tritanomaly

27.7979, 35.5621, 48.5791

Monochromacy



Original Color

26.7061, 35.3985, 43.4552

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.2148, 31.4772, 36.5396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7061, 35.3985, 43.4552 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(91, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(91, 174, 170)  
}
```

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(91, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 174, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.7061, 35.3985, 43.4552 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(91, 174, 170) }
```


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

```
.border{ border-color:rgb(91, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(91, 174,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7061, 35.3985, 43.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 174, 170) }
```

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

```
.background{ background-color: rgb(91, 174,  
170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor