

Converting Colors

XYZ(26.3739, 38.5447, 42.6090)

Have a look what the booklet for
XYZ(26.3739, 38.5447, 42.6090)
contains.

XYZ(26.3739, 38.5447, 42.6090)	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(26.3739, 38.5447,
42.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	3FB9A7
RGB	63, 185, 167
RGB Percent	25%, 73%, 65%
CMY	0.7529, 0.2745, 0.3451
CMYK	0.66, 0.00, 0.10, 0.27
HSL	171°, 49%, 49%
HSV	171°, 66%, 73%
XYZ	26.3739, 38.5447, 42.6090
YIQ	146.4700, -66.9340, -31.4620

Conversions

Conversions Part 2

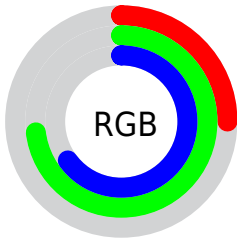
Format	Color
RYB	63, 129, 185
Decimal	4176295
CIELab	68.42, -37.76, -0.74
CIELCh	68, 37.764, 181.118
Yxy	38.5447, 0.2453, 0.3585
Android (android.graphics.Color)	4282366375 (0xFF3FB9A7)
YUV	146.4700, 10.1213, -73.2032
Hunter-Lab	62.0844, -32.8195, 2.7679

Details

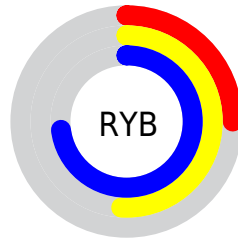
The XYZ color **26.3739, 38.5447, 42.6090** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **23.2716, 14.4645, 9.3514**, and the grayscale version is **27.4951, 28.9270, 31.5015**.

A 20% lighter version of the original color is **53.3944, 73.1382, 80.4101**, and **11.2108, 17.4704, 19.0009** is the 20% darker color. If you saturate the color by 10%, you get **25.1355, 37.9361, 41.2482**, and if you desaturate by 10%, it is **28.0167, 39.3631, 44.0182**.

Distribution



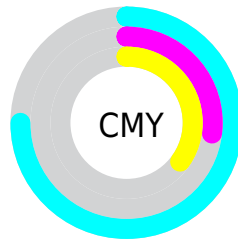
- Red (25%)
- Green (73%)
- Blue (65%)



- Red (25%)
- Yellow (51%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (75%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3739, 38.5447, 42.6090 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 26.3739, 38.5447, 42.6090 by changing the saturation by 10% instead.

■ 26.3739, 38.5447,
42.6090

■ 26.3739, 38.5447,
42.6090

276.8359,
339.9509, 372.8752

■ 17.2377, 26.4057,
29.2493

■ 53.3045, 72.9423,
80.4005

■ 10.5005, 17.1274,
19.0223

■ 71.8297, 95.9696,
105.6694

■ 5.7968, 10.3254,
11.5094

■ 94.2152, 123.3952,
135.7452

■ 2.7614, 5.6152,
6.2921

■ 120.8265,
155.6035, 171.0463

■ 1.0289, 2.6126,
2.9519

■ 152.0288,
192.9788, 211.9913

■ 0.0000, 0.9330,
1.0701

188.1876,

■ 0.0000, 0.0000,

235.9055, 258.9987

0.0000

229.6682,
284.7681, 312.4872

■ 26.3739, 38.5447,
42.6090

■ 26.3739, 38.5447,
42.6090

■ 25.1355, 37.9361,
41.2482

■ 28.0167, 39.3631,
44.0182

■ 24.2566, 37.5112,
39.9311

■ 30.0966, 40.4052,
45.4750

■ 23.6852, 37.2443,
38.6558

■ 32.6464, 41.6889,
46.9819

■ 23.4957, 37.1576,
38.1483

■ 35.6951, 43.2293,
48.5405

■ 39.2693, 45.0399,
50.1522

■ 43.3937, 47.1334,
51.8182

■ 48.0912, 49.5219,
53.5399

■ 53.3838, 52.2164,
55.3184

■ 59.2919, 55.2276,
57.1548

Harmonies

Analogous

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



27.5282, 38.5447, 28.0850



26.3739, 38.5447, 42.6090



27.7125, 38.5447, 61.2154

Triad

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



26.3739, 38.5447, 42.6090



42.8521, 38.5447, 76.6065



42.4257, 38.5447, 19.3714

Complementary

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



26.3739, 38.5447, 42.6090



23.2716, 14.4645, 9.3514

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.



47.2938, 38.5447, 27.2491



26.3739, 38.5447, 42.6090



47.5581, 38.5447, 59.8069

Square

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



26.3739, 38.5447, 42.6090



36.8585, 38.5447, 83.8337



49.2639, 38.5447, 41.3347



36.4136, 38.5447, 17.0479

Rectangle

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



26.3739, 38.5447, 42.6090



29.9319, 38.5447, 72.8790



49.2639, 38.5447, 41.3347



44.2721, 38.5447, 21.3298

Sweetspot

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



26.3750, 38.5462, 42.6099



67.4039, 79.1807, 88.5419



21.6665, 36.8210, 10.6686



14.1508, 16.8772, 18.9148



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.3750, 38.5462, 42.6099



44.2571, 67.5717, 72.8375



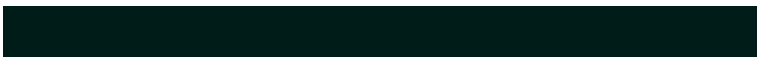
20.5258, 23.9964, 49.4505



9.2082, 10.1872, 11.2536



16.0190, 25.3085, 26.0855



0.5804, 0.8985, 1.0021

Inverse Universe

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



23.2716, 14.4645, 9.3514



38.3736, 21.3370, 9.3562



26.0293, 20.9209, 7.3697



9.0572, 9.0332, 9.6485



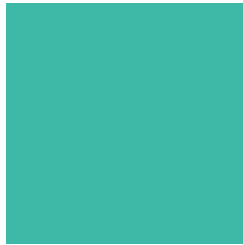
13.7776, 7.0848, 1.4495



0.5029, 0.2567, 0.1419

Previews

White Background



This preview shows how the XYZ color 26.3739, 38.5447, 42.6090 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 26.3739, 38.5447, 42.6090 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 26.3739, 38.5447, 42.6090

Background



This preview shows how black text looks on a background with the XYZ color 26.3739, 38.5447, 42.6090.

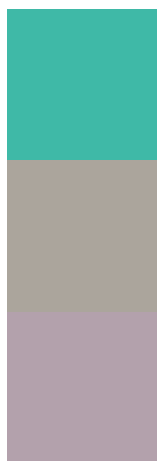


This preview shows how white text looks on a background with the XYZ color 26.3739, 38.5447,

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

26.3739, 38.5447, 42.6090

Protanopia

36.2505, 37.9685, 36.8705

Deuteranopia

38.7817, 38.0520, 44.3305



Tritanopia

29.4682, 38.5698, 58.1161

Trichromacy



Original Color

26.3739, 38.5447, 42.6090



Protanomaly

30.6134, 36.9486, 38.7760



Deuteranomaly

31.9470, 36.9701, 43.4824



Tritanomaly

28.0834, 38.2983, 51.8111

Monochromacy



Original Color

26.3739, 38.5447, 42.6090



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

25.6060, 31.1877, 35.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3739, 38.5447, 42.6090 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(63, 185, 167)` looks like.

```
.text, #text, p{  
    color:rgb(63, 185, 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(63, 185, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 185, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.3739, 38.5447, 42.6090 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(63, 185, 167) }
```


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

```
.border{ border-color:rgb(63, 185, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 185, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 185, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 185, 167);  
box-shadow:4px 4px 4px 4px rgb(63, 185,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3739, 38.5447, 42.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 185, 167) }
```

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

```
.background{ background-color: rgb(63, 185,  
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](#).

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