

Converting Colors

XYZ(26.2746, 33.9184, 53.3089)

Have a look what the booklet for
XYZ(26.2746, 33.9184, 53.3089)
contains.

XYZ(26.2325, 33.8013, 53.2858)	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(26.2325, 33.8013,
53.2858)**

Conversions

Conversions Part 1

Format	Color
Hex	48AABD
RGB	72, 170, 189
RGB Percent	28%, 67%, 74%
CMY	0.7176, 0.3333, 0.2588
CMYK	0.62, 0.10, 0.00, 0.26
HSL	190°, 47%, 51%
HSV	190°, 62%, 74%
XYZ	26.2325, 33.8013, 53.2858
YIQ	142.8640, -64.5070, -14.8670

Conversions

Conversions Part 2

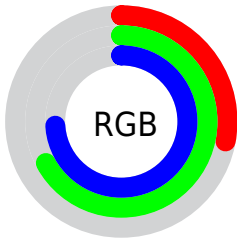
Format	Color
RYB	72, 125, 189
Decimal	4762301
CIELab	64.80, -22.76, -18.29
CIELCh	65, 29.196, 218.791
Yxy	33.8013, 0.2315, 0.2983
Android (android.graphics.Color)	4282952381 (0xFF48AABD)
YUV	142.8640, 22.7450, -62.1477
Hunter-Lab	58.1389, -21.2031, -13.6436

Details

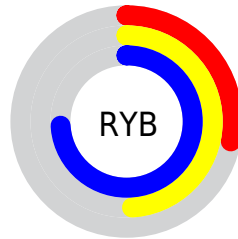
The XYZ color **26.2325, 33.8013, 53.2858** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **25.8979, 18.7698, 8.3899**, and the grayscale version is **25.9859, 27.3392, 29.7724**.

A 20% lighter version of the original color is **53.1935, 65.8908, 96.3008**, and **10.9224, 14.7344, 25.5609** is the 20% darker color. If you saturate the color by 10%, you get **24.4657, 32.0470, 53.0409**, and if you desaturate by 10%, it is **28.4479, 35.8082, 53.5570**.

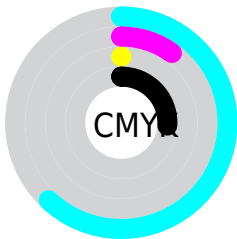
Distribution



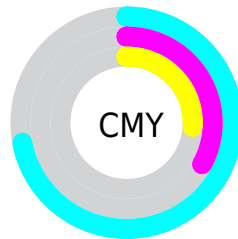
- Red (28%)
- Green (67%)
- Blue (74%)



- Red (28%)
- Yellow (49%)
- Blue (74%)



- Cyan (62%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (72%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2325, 33.8013, 53.2858 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 26.2325, 33.8013, 53.2858 by changing the saturation by 10% instead.

■ 26.2325, 33.8013,
53.2858

■ 26.2325, 33.8013,
53.2858

276.1574,
319.2451, 416.4780

■ 17.1312, 22.7410,
37.6417

■ 53.0784, 65.6246,
96.4706

■ 10.4240, 14.4024,
25.4050

■ 71.5538, 87.1563,
124.8483

■ 5.7454, 8.4011,
16.1573

■ 93.8846, 112.9473,
158.3077

■ 2.7301, 4.3526,
9.4800

■ 120.4362,
143.3820, 197.2673

■ 1.0127, 1.8727,
4.9545

■ 151.5739,
178.8447, 242.1456

■ 0.0000, 0.5319,
2.1623

187.6631,

■ 0.0000, 0.0000,

219.7199, 293.3611

0.6525

229.0691,
266.3919, 351.3324

■ 0.0000, 0.0000,
0.0000

■ 26.2325, 33.8013,
53.2858

■ 26.2325, 33.8013,
53.2858

■ 24.4657, 32.0470,
53.0409

■ 28.4479, 35.8082,
53.5570

■ 23.1031, 30.5202,
52.8180

■ 31.1447, 38.0827,
53.8539

■ 22.0966, 29.1966,
52.6156

■ 34.3563, 40.6428,
54.1788

■ 21.4652, 28.2337,
52.4630

■ 38.1122, 43.5038,
54.5331

■ 42.4396, 46.6798,
54.9180

■ 47.3637, 50.1841,
55.3349

■ 52.9085, 54.0291,
55.7848

■ 59.0963, 58.2263,
56.2688

■ 65.9484, 62.7871,
56.7880

Harmonies

Analogous

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



24.7861, 33.8013, 40.4547



26.2325, 33.8013, 53.2858



29.2921, 33.8013, 62.8632

Triad

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



26.2325, 33.8013, 53.2858



40.2629, 33.8013, 45.8249



30.9081, 33.8013, 18.3465

Complementary

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



26.2325, 33.8013, 53.2858



25.8979, 18.7698, 8.3899

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.



35.1394, 33.8013, 19.1729



26.2325, 33.8013, 53.2858



40.7909, 33.8013, 33.3796

Square

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



26.2325, 33.8013, 53.2858



37.4590, 33.8013, 57.9443



38.8446, 33.8013, 24.1281



27.3268, 33.8013, 21.5548

Rectangle

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



26.2325, 33.8013, 53.2858



31.9570, 33.8013, 65.1217



38.8446, 33.8013, 24.1281



32.2978, 33.8013, 18.1793

Sweetspot

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



26.2336, 33.8026, 53.2866



70.1714, 79.3369, 97.8413



22.6973, 38.5042, 15.8097



14.6375, 16.7244, 20.9992



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



26.2336, 33.8026, 53.2866



42.9406, 56.4550, 94.8599



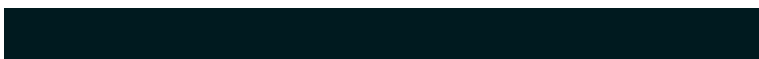
17.7584, 16.8521, 50.4615



9.6731, 10.5385, 12.1965



14.4894, 19.0906, 35.3141



0.6034, 0.8194, 1.3952

Inverse Universe

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



30.5602, 18.3568, 39.9640



51.7151, 27.9298, 67.2139



32.7546, 32.4833, 10.6754



9.8616, 9.6689, 11.6602



18.3144, 8.9569, 22.7468



0.7355, 0.3581, 0.9861

Previews

White Background



This preview shows how the XYZ color 26.2325, 33.8013, 53.2858 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 26.2325, 33.8013, 53.2858 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 26.2325, 33.8013, 53.2858

Background



This preview shows how black text looks on a background with the XYZ color 26.2325, 33.8013, 53.2858.



This preview shows how white text looks on a background with the XYZ color 26.2325, 33.8013,

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

26.2325, 33.8013, 53.2858

Protanopia

32.8069, 33.3728, 47.3603

Deuteranopia

34.1537, 33.4050, 55.0998



Tritanopia

25.8457, 33.9307, 51.0860

Trichromacy



Original Color

26.2325, 33.8013, 53.2858

Protanomaly

29.2864, 32.7715, 49.5817

Deuteranomaly

30.2247, 32.8871, 54.6240

Tritanomaly

26.0244, 34.0106, 51.6474

Monochromacy



Original Color

26.2325, 33.8013, 53.2858

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.0725, 29.1024, 37.5536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2325, 33.8013, 53.2858 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(72, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(72, 170, 189)  
}
```

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(72, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 170, 189) }
```

Border

The CSS property to change the border of an element to XYZ 26.2325, 33.8013, 53.2858 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(72, 170, 189) }
```


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

```
.border{ border-color:rgb(72, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(72, 170,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2325, 33.8013, 53.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 170, 189) }
```

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

```
.background{ background-color: rgb(72, 170,  
189) }
```

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