

Converting Colors

XYZ(25.2938, 33.5241, 52.0196)

Have a look what the booklet for
XYZ(25.2938, 33.5241, 52.0196)
contains.

XYZ(25.3960, 33.6743, 52.1750)	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(25.3960, 33.6743,
52.1750)**

Conversions

Conversions Part 1

Format	Color
Hex	3CABBB
RGB	60, 171, 187
RGB Percent	24%, 67%, 73%
CMY	0.7647, 0.3294, 0.2667
CMYK	0.68, 0.09, 0.00, 0.27
HSL	188°, 51%, 48%
HSV	188°, 68%, 73%
XYZ	25.3960, 33.6743, 52.1750
YIQ	139.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

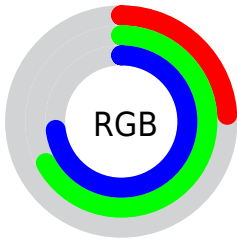
Format	Color
RYB	60, 119, 187
Decimal	3976123
CIELab	64.70, -25.82, -17.36
CIELCh	65, 31.112, 213.922
Yxy	33.6743, 0.2283, 0.3027
Android (android.graphics.Color)	4282166203 (0xFF3CABBB)
YUV	139.6350, 23.3509, -69.8399
Hunter-Lab	58.0296, -23.4332, -12.6876

Details

The XYZ color **25.3960, 33.6743, 52.1750** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **23.8945, 16.0610, 6.1167**, and the grayscale version is **24.7192, 26.0065, 28.3211**.

A 20% lighter version of the original color is **51.8151, 65.6202, 94.7290**, and **10.7815, 14.6781, 24.8192** is the 20% darker color. If you saturate the color by 10%, you get **24.0188, 32.3103, 51.9849**, and if you desaturate by 10%, it is **27.1823, 35.2624, 52.3880**.

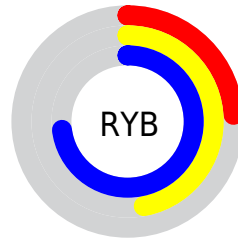
Distribution



Red (24%)

Green (67%)

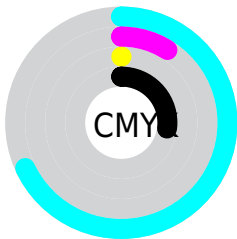
Blue (73%)



Red (24%)

Yellow (47%)

Blue (73%)

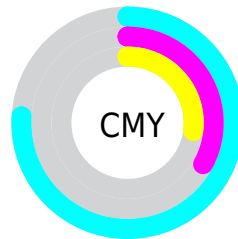


Cyan (68%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (76%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3960, 33.6743, 52.1750 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 25.3960, 33.6743, 52.1750 by changing the saturation by 10% instead.

■ 25.3960, 33.6743,
52.1750

■ 25.3960, 33.6743,
52.1750

272.1157,
318.6773, 412.0880

■ 16.5026, 22.6435,
36.7614

■ 51.7372, 65.4269,
94.8185

■ 9.9736, 14.3305,
24.7285

■ 69.9158, 86.9174,
122.8854

■ 5.4436, 8.3509,
15.6577

■ 91.9201, 112.6633,
156.0072

■ 2.5472, 4.3203,
9.1305

■ 118.1155,
143.0490, 194.6024

■ 0.9191, 1.8543,
4.7284

■ 148.8675,
178.4589, 239.0896

■ 0.0000, 0.5207,
2.0329

184.5413,

■ 0.0000, 0.0000,

219.2773, 289.8872

0.5754

225.5022,
265.8886, 347.4138

■ 0.0000, 0.0000,
0.0000

■ 25.3960, 33.6743,
52.1750

■ 25.3960, 33.6743,
52.1750

■ 24.0188, 32.3103,
51.9849

■ 27.1823, 35.2624,
52.3880

■ 23.0033, 31.1437,
51.8133

■ 29.4124, 37.0904,
52.6233

■ 22.2825, 30.1408,
51.6577

■ 32.1209, 39.1769,
52.8833

■ 22.1457, 29.9398,
51.6261

■ 35.3379, 41.5376,
53.1694

■ 39.0912, 44.1867,
53.4829

■ 43.4064, 47.1376,
53.8250

■ 48.3077, 50.4027,
54.1970

■ 53.8175, 53.9937,
54.5997

■ 59.9573, 57.9217,
55.0343

Harmonies

Analogous

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



24.1804, 33.6743, 38.3736



25.3960, 33.6743, 52.1750



28.3777, 33.6743, 63.4903

Triad

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



25.3960, 33.6743, 52.1750



40.3562, 33.6743, 48.5750



31.4226, 33.6743, 17.1948

Complementary

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



25.3960, 33.6743, 52.1750



23.8945, 16.0610, 6.1167

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.



35.9320, 33.6743, 18.7141



25.3960, 33.6743, 52.1750



41.3614, 33.6743, 35.0090

Square

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



25.3960, 33.6743, 52.1750



37.0421, 33.6743, 61.0954



39.6746, 33.6743, 24.5815



27.4491, 33.6743, 19.8092

Rectangle

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



25.3960, 33.6743, 52.1750



31.1057, 33.6743, 66.9630



39.6746, 33.6743, 24.5815



32.9244, 33.6743, 17.2436

Sweetspot

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



25.3971, 33.6755, 52.1758



68.2990, 77.9439, 95.6463



20.8984, 37.0076, 12.6667



14.6154, 16.8657, 21.0276



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.



25.3971, 33.6755, 52.1758



42.1422, 56.9067, 92.9644



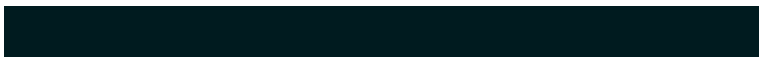
16.2691, 15.4197, 49.1332



9.7033, 10.5988, 12.2066



15.2949, 20.7015, 35.5826



0.6282, 0.8691, 1.4035

Inverse Universe

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



29.4610, 16.7378, 40.2073



50.2753, 25.9150, 68.3599



30.4441, 29.1602, 8.2999



9.8768, 9.6750, 11.7403



18.7209, 9.1195, 24.8877



0.7480, 0.3631, 1.0522

Previews

White Background



This preview shows how the XYZ color 25.3960, 33.6743, 52.1750 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 25.3960, 33.6743, 52.1750 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

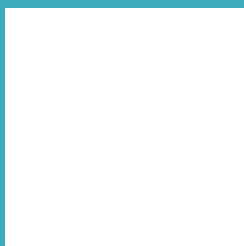
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.3960, 33.6743, 52.1750

Background



This preview shows how black text looks on a background with the XYZ color 25.3960, 33.6743, 52.1750.



This preview shows how white text looks on a background with the XYZ color 25.3960, 33.6743,

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

25.3960, 33.6743, 52.1750

Protanopia

32.6947, 33.3496, 45.7882

Deuteranopia

33.9321, 33.3164, 53.9325



Tritanopia

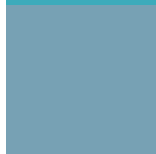
25.1235, 33.5584, 51.0522

Trichromacy



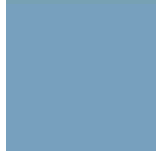
Original Color

25.3960, 33.6743, 52.1750



Protanomaly

28.5908, 32.7070, 47.9862



Deuteranomaly

29.4728, 32.7813, 53.4892



Tritanomaly

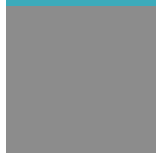
25.2295, 33.6008, 51.6102

Monochromacy



Original Color

25.3960, 33.6743, 52.1750



Achromatopsia

24.9269, 26.2251, 28.5591



Achromatomaly

23.7080, 27.9470, 36.0431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3960, 33.6743, 52.1750 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(60, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(60, 171, 187)  
}
```

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(60, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 171, 187) }
```

Border

The CSS property to change the border of an element to XYZ 25.3960, 33.6743, 52.1750 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(60, 171, 187) }
```


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

```
.border{ border-color:rgb(60, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(60, 171,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3960, 33.6743, 52.1750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 171, 187) }
```

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

```
.background{ background-color: rgb(60, 171,  
187) }
```

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