

Converting Colors

XYZ(33.2450, 40.0087, 51.5029)

Have a look what the booklet for
XYZ(33.2450, 40.0087, 51.5029)
contains.

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Color

**XYZ(33.2293, 40.0609,
51.3286)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB3B8
RGB	125, 179, 184
RGB Percent	49%, 70%, 72%
CMY	0.5098, 0.2980, 0.2784
CMYK	0.32, 0.03, 0.00, 0.28
HSL	185°, 29%, 61%
HSV	185°, 32%, 72%
XYZ	33.2293, 40.0609, 51.3286
YIQ	163.4240, -33.7890, -9.8930

Conversions

Conversions Part 2

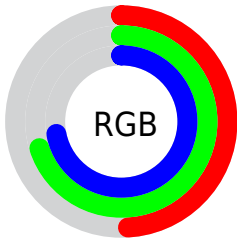
Format	Color
RYB	125, 153, 184
Decimal	8238008
CIELab	69.51, -16.36, -8.22
CIELCh	70, 18.305, 206.679
Yxy	40.0609, 0.2666, 0.3215
Android (android.graphics.Color)	4286428088 (0xFF7DB3B8)
YUV	163.4240, 10.1440, -33.6978
Hunter-Lab	63.2937, -17.0511, -3.7762

Details

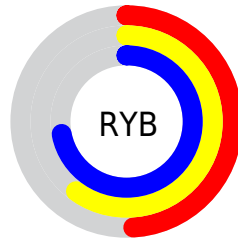
The XYZ color **33.2293, 40.0609, 51.3286** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.4520, 27.6366, 23.0796**, and the grayscale version is **34.9791, 36.8008, 40.0760**.

A 20% lighter version of the original color is **64.0269, 75.2916, 93.5962**, and **14.3052, 17.9769, 24.1886** is the 20% darker color. If you saturate the color by 10%, you get **30.4777, 38.1822, 51.1117**, and if you desaturate by 10%, it is **36.4844, 42.2064, 51.5718**.

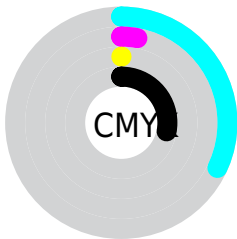
Distribution



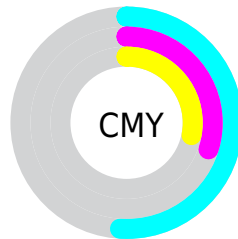
- Red (49%)
- Green (70%)
- Blue (72%)



- Red (49%)
- Yellow (60%)
- Blue (72%)



- Cyan (32%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (51%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.2293, 40.0609, 51.3286 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 33.2293, 40.0609, 51.3286 by changing the saturation by 10% instead.

■ 33.2293, 40.0609,
51.3286

■ 33.2293, 40.0609,
51.3286

308.3285,
346.3802, 408.7221

■ 22.4622, 27.5860,
36.0916

■ 64.0856, 75.2562,
93.5568

■ 14.3154, 18.0138,
24.2147

■ 84.9056, 98.7455,
121.3851

■ 8.4236, 10.9599,
15.2793

■ 109.8073,
126.6750, 154.2476

■ 4.4212, 6.0399,
8.8669

139.1560,
159.4292, 192.5629

■ 1.9431, 2.8694,
4.5588

173.3172,
197.3924, 236.7494

■ 0.6017, 1.0639,
1.9366

212.6560,

■ 0.0000, 0.0000,

240.9490, 287.2257

0.5159

257.5380,
290.4835, 344.4105

■ 0.0000, 0.0000,
0.0000

■ 33.2293, 40.0609,
51.3286

■ 33.2293, 40.0609,
51.3286

■ 30.4777, 38.1822,
51.1117

■ 36.4844, 42.2064,
51.5718

■ 28.1986, 36.5513,
50.9170

■ 40.2649, 44.6269,
51.8398

■ 26.3628, 35.1542,
50.7441

■ 44.5956, 47.3364,
52.1345

■ 24.9367, 33.9735,
50.5914

■ 49.4987, 50.3463,
52.4571

■ 23.8817, 32.9893,
50.4570

■ 54.9954, 53.6675,
52.8084

■ 23.1519, 32.1778,
50.3388

■ 61.1055, 57.3103,
53.1895

■ 22.7311, 31.6192,
50.2532

■ 67.8480, 61.2844,
53.6012

■ 68.6260, 62.1890,
53.7348

■ 68.9689, 62.8747,
53.8491

Harmonies

Analogous

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



32.6894, 40.0609, 42.6852



33.2293, 40.0609, 51.3286



35.0446, 40.0609, 58.6529

Triad

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



33.2293, 40.0609, 51.3286



43.0165, 40.0609, 53.1669



38.4062, 40.0609, 29.3271

Complementary

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



33.2293, 40.0609, 51.3286



31.4520, 27.6366, 23.0796

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.



41.2788, 40.0609, 31.4031



33.2293, 40.0609, 51.3286



44.0256, 40.0609, 44.5674

Square

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



33.2293, 40.0609, 51.3286



40.6811, 40.0609, 59.8068



43.3739, 40.0609, 36.7237



35.5859, 40.0609, 30.6532

Rectangle

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



33.2293, 40.0609, 51.3286



36.7845, 40.0609, 61.4164



43.3739, 40.0609, 36.7237



39.3987, 40.0609, 29.6428

Sweetspot

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



33.2305, 40.0625, 51.3295



74.4012, 81.7881, 94.0699



29.6224, 40.2512, 27.2987



15.8150, 17.4903, 20.2640



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.



33.2305, 40.0625, 51.3295



56.8598, 70.3310, 92.7830



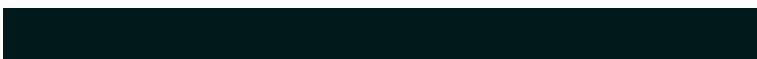
27.9500, 29.5015, 49.5694



9.1999, 10.0770, 11.5396



15.6913, 21.8423, 34.6420



0.5724, 0.8085, 1.2276

Inverse Universe

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



35.2385, 28.1132, 46.2188



61.0831, 45.6710, 81.9279



35.9396, 36.6117, 24.5755



9.3472, 9.1493, 11.1759



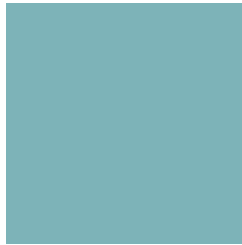
18.5339, 8.9873, 26.4962



0.6631, 0.3207, 0.9852

Previews

White Background



This preview shows how the XYZ color 33.2293, 40.0609, 51.3286 looks on a white background.

Color Contrast Check

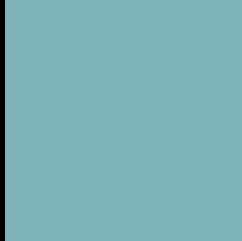
Large Text (above 18pt) WCAG AA × Fail

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 33.2293, 40.0609, 51.3286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

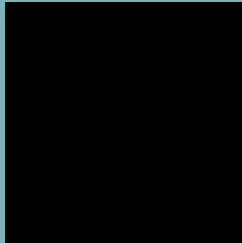
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.2293, 40.0609, 51.3286

Background



This preview shows how black text looks on a background with the XYZ color 33.2293, 40.0609, 51.3286.



This preview shows how white text looks on a background with the XYZ color 33.2293, 40.0609,

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

33.2293, 40.0609, 51.3286

Protanopia

38.5160, 39.7256, 47.2328

Deuteranopia

40.5562, 39.8452, 52.5671



Tritanopia

34.1872, 40.1586, 55.8187

Trichromacy



Original Color

33.2293, 40.0609, 51.3286

Protanomaly

36.3172, 39.6704, 48.9230

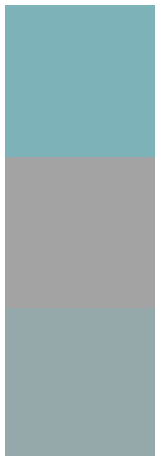
Deuteranomaly

37.3382, 39.5637, 52.1230

Tritanomaly

33.7099, 39.9505, 54.0786

Monochromacy



Original Color

33.2293, 40.0609, 51.3286

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.9331, 37.7058, 44.0176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2293, 40.0609, 51.3286 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(125, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(125, 179, 184)  
}
```

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(125, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 179, 184) }
```

Border

The CSS property to change the border of an element to XYZ 33.2293, 40.0609, 51.3286 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(125, 179, 184) }
```


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

```
.border{ border-color:rgb(125, 179, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(125, 179,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2293, 40.0609, 51.3286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 179, 184) }
```

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

```
.background{ background-color: rgb(125,  
179, 184) }
```

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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