

Converting Colors

XYZ(33.4539, 41.4772, 51.2543)

Have a look what the booklet for
XYZ(33.4539, 41.4772, 51.2543)
contains.

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Color

**XYZ(33.3659, 41.3508,
51.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	79B7B7
RGB	121, 183, 183
RGB Percent	47%, 72%, 72%
CMY	0.5255, 0.2823, 0.2823
CMYK	0.34, 0.00, 0.00, 0.28
HSL	180°, 30%, 60%
HSV	180°, 34%, 72%
XYZ	33.3659, 41.3508, 51.0227
YIQ	164.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

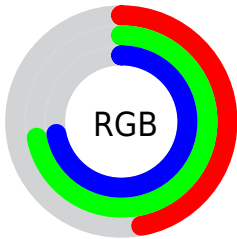
Format	Color
RYB	121, 152, 183
Decimal	7976887
CIELab	70.42, -19.79, -6.34
CIElCh	70, 20.780, 197.774
Yxy	41.3508, 0.2654, 0.3289
Android (android.graphics.Color)	4286166967 (0xFF79B7B7)
YUV	164.4620, 9.1392, -38.1162
Hunter-Lab	64.3046, -19.9142, -2.0306

Details

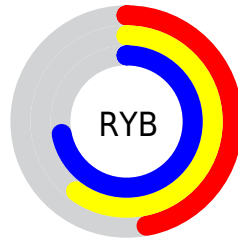
The XYZ color **33.3659, 41.3508, 51.0227** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **29.8184, 25.1237, 21.3685**, and the grayscale version is **35.4781, 37.3258, 40.6478**.

A 20% lighter version of the original color is **64.3510, 77.1951, 93.1698**, and **14.3958, 18.8059, 23.9903** is the 20% darker color. If you saturate the color by 10%, you get **31.0410, 40.1533, 50.9145**, and if you desaturate by 10%, it is **36.1798, 42.8024, 51.1556**.

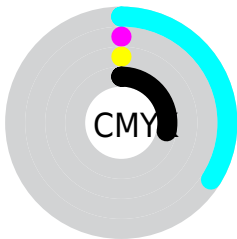
Distribution



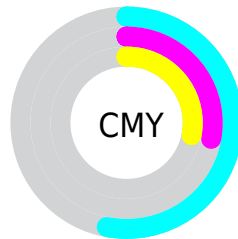
- Red (47%)
- Green (72%)
- Blue (72%)



- Red (47%)
- Yellow (60%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3659, 41.3508, 51.0227 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 33.3659, 41.3508, 51.0227 by changing the saturation by 10% instead.

■ 33.3659, 41.3508,
51.0227

■ 33.3659, 41.3508,
51.0227

308.9312,
351.7846, 407.5010

■ 22.5675, 28.5933,
35.8498

■ 64.2972, 77.2161,
93.1002

■ 14.3934, 18.7734,
24.0295

■ 85.1608, 101.0928,
120.8418

■ 8.4783, 11.5066,
15.1431

■ 110.1102,
129.4445, 153.6102

■ 4.4569, 6.4087,
8.7721

139.5107,
162.6559, 191.8238

■ 1.9637, 3.0951,
4.4981

173.7277,
201.1112, 235.9011

■ 0.6135, 1.1816,
1.9024

213.1266,

■ 0.0000, 0.0466,

245.1948, 286.2607

0.4942

258.0726,
295.2911, 343.3212

■ 0.0000, 0.0000,
0.0000

■ 33.3659, 41.3508,
51.0227

■ 33.3659, 41.3508,
51.0227

■ 31.0410, 40.1533,
50.9145

■ 36.1798, 42.8024,
51.1556

■ 29.1737, 39.1907,
50.8268

■ 39.5044, 44.5163,
51.3115

■ 27.7350, 38.4490,
50.7591

■ 43.3645, 46.5063,
51.4925

■ 26.6909, 37.9108,
50.7099

■ 47.7824, 48.7838,
51.6995

■ 26.0022, 37.5557,
50.6774

■ 52.7789, 51.3596,
51.9337

■ 25.6219, 37.3597,
50.6593

■ 58.3740, 54.2439,
52.1959

■ 25.4811, 37.2871,
50.6525

■ 64.5864, 57.4465,
52.4869

■ 66.7220, 58.5475,
52.5872

■ 66.7221, 58.5475,
52.5875

Harmonies

Analogous

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



33.2184, 41.3508, 41.1514



33.3659, 41.3508, 51.0227



35.0458, 41.3508, 60.4635

Triad

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



33.3659, 41.3508, 51.0227



44.3774, 41.3508, 58.9078



40.7122, 41.3508, 29.0089

Complementary

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



33.3659, 41.3508, 51.0227



29.8184, 25.1237, 21.3685

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.



43.8910, 41.3508, 32.4657



33.3659, 41.3508, 51.0227



46.0880, 41.3508, 49.1323

Square

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



33.3659, 41.3508, 51.0227



41.3450, 41.3508, 65.4505



45.9050, 41.3508, 39.5149



37.3288, 41.3508, 29.3623

Rectangle

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



33.3659, 41.3508, 51.0227



36.8668, 41.3508, 64.8102



45.9050, 41.3508, 39.5149



41.8436, 41.3508, 29.7403

Sweetspot

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



33.3671, 41.3524, 51.0237



73.2024, 80.9897, 92.0095



28.4167, 39.3891, 24.1952



15.9603, 17.7810, 20.3123



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.



33.3671, 41.3524, 51.0237



56.4367, 72.3467, 91.2231



27.8304, 30.2786, 49.1791



9.2667, 10.2107, 11.5618



17.7754, 26.0111, 35.3347



0.6266, 0.9170, 1.2457

Inverse Universe

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



29.8184, 25.1237, 21.3685



49.0692, 38.6539, 29.6554



34.0423, 33.5717, 22.7759



9.0046, 9.0122, 9.3719



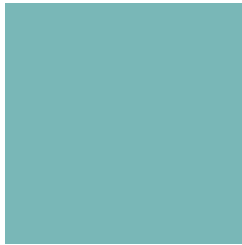
13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 33.3659, 41.3508, 51.0227 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 33.3659, 41.3508, 51.0227 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

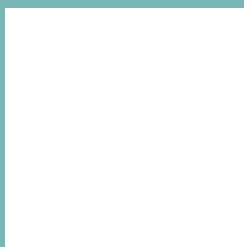
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.3659, 41.3508, 51.0227

Background



This preview shows how black text looks on a background with the XYZ color 33.3659, 41.3508, 51.0227.



This preview shows how white text looks on a background with the XYZ color 33.3659, 41.3508,

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

33.3659, 41.3508, 51.0227

Protanopia

39.6330, 41.1446, 46.9271

Deuteranopia

41.7377, 41.0064, 52.1696



Tritanopia

34.7999, 41.3184, 58.3656

Trichromacy



Original Color

33.3659, 41.3508, 51.0227

Protanomaly

36.7931, 40.7846, 48.5808

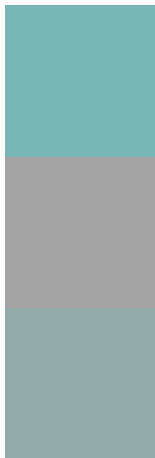
Deuteranomaly

37.9986, 40.7609, 51.7638

Tritanomaly

34.3003, 41.4284, 55.4789

Monochromacy



Original Color

33.3659, 41.3508, 51.0227

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.1263, 38.3620, 44.1340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3659, 41.3508, 51.0227 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(121, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 183)  
}
```

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(121, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 183) }
```

Border

The CSS property to change the border of an element to XYZ 33.3659, 41.3508, 51.0227 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(121, 183, 183) }
```


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

```
.border{ border-color:rgb(121, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(121, 183,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3659, 41.3508, 51.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 183) }
```

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

```
.background{ background-color: rgb(121,  
183, 183) }
```

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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