

Converting Colors

XYZ(31.9971, 41.5258, 35.1709)

Have a look what the booklet for
XYZ(31.9971, 41.5258, 35.1709)
contains.

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Color

**XYZ(32.0599, 41.6458,
35.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	82B996
RGB	130, 185, 150
RGB Percent	51%, 73%, 59%
CMY	0.4902, 0.2745, 0.4118
CMYK	0.30, 0.00, 0.19, 0.27
HSL	142°, 28%, 62%
HSV	142°, 30%, 73%
XYZ	32.0599, 41.6458, 35.2029
YIQ	164.5650, -21.5450, -22.5450

Conversions

Conversions Part 2

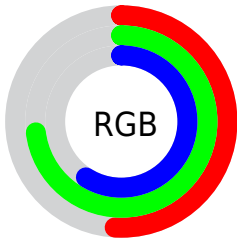
Format	Color
RYB	130, 170, 185
Decimal	8567190
CIELab	70.63, -25.34, 12.09
CIElCh	71, 28.071, 154.495
Yxy	41.6458, 0.2944, 0.3824
Android (android.graphics.Color)	4286757270 (0xFF82B996)
YUV	164.5650, -7.1805, -30.3135
Hunter-Lab	64.5336, -24.2560, 12.8309

Details

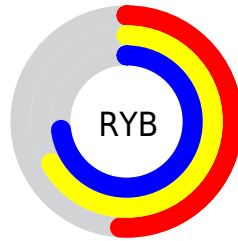
The XYZ color **32.0599, 41.6458, 35.2029** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.7832, 28.9971, 39.3627**, and the grayscale version is **35.5975, 37.4513, 40.7845**.

A 20% lighter version of the original color is **62.1215, 77.4606, 68.8040**, and **13.7278, 19.0656, 14.7609** is the 20% darker color. If you saturate the color by 10%, you get **28.5725, 39.9532, 30.3374**, and if you desaturate by 10%, it is **36.1550, 43.6430, 40.5959**.

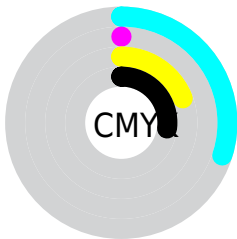
Distribution



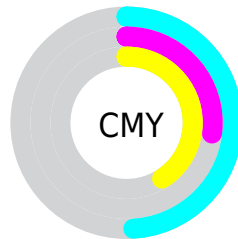
- Red (51%)
- Green (73%)
- Blue (59%)



- Red (51%)
- Yellow (67%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (19%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0599, 41.6458, 35.2029 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 32.0599, 41.6458, 35.2029 by changing the saturation by 10% instead.

■ 32.0599, 41.6458,
35.2029

■ 32.0599, 41.6458,
35.2029

303.1325,
353.0125, 340.3944

■ 21.5630, 28.8240,
23.5344

■ 62.2695, 77.6633,
68.9551

■ 13.6510, 18.9478,
14.7796

■ 82.7130, 101.6278,
91.8759

■ 7.9584, 11.6325,
8.5200

■ 107.2027,
130.0753, 119.3845

■ 4.1199, 6.4940,
4.3369

136.1041,
163.3903, 151.8996

■ 1.7702, 3.1477,
1.8119

169.7823,
201.9571, 189.8396

■ 0.4996, 1.2093,
0.4358

208.6029,

■ 0.0000, 0.0693,

246.1602, 233.6230

0.0000

252.9312,
296.3839, 283.6684

■ 0.0000, 0.0000,
0.0000

■ 32.0599, 41.6458,
35.2029

■ 32.0599, 41.6458,
35.2029

■ 28.5725, 39.9532,
30.3374

■ 36.1550, 43.6430,
40.5959

■ 25.6594, 38.5449,
25.9806

■ 40.8825, 45.9536,
46.5289

■ 23.2887, 37.4058,
22.1165

■ 46.2697, 48.5928,
53.0175

■ 21.4243, 36.5177,
18.7275

■ 52.3412, 51.5728,
60.0758

■ 20.0250, 35.8598,
15.7945

■ 59.1205, 54.9056,
67.7174

■ 19.0428, 35.4078,
13.2973

■ 66.6299, 58.6023,
75.9554

■ 18.3869, 35.1151,
11.2122

■ 73.2141, 61.8093,
84.7240

■ 18.3711, 35.1081,
11.1614

■ 74.9473, 62.5026,
93.8508

■ 76.6398, 63.1796,
102.7633

Harmonies

Analogous

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



34.7393, 41.6458, 27.3685



32.0599, 41.6458, 35.2029



31.3334, 41.6458, 47.3787

Triad

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



32.0599, 41.6458, 35.2029



40.2869, 41.6458, 75.9087



47.4063, 41.6458, 32.3518

Complementary

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



32.0599, 41.6458, 35.2029



34.7832, 28.9971, 39.3627

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.



49.1669, 41.6458, 43.3707



32.0599, 41.6458, 35.2029



44.8574, 41.6458, 69.8503

Square

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



32.0599, 41.6458, 35.2029



35.8621, 41.6458, 72.5573



48.1997, 41.6458, 57.2694



43.5530, 41.6458, 25.9621

Rectangle

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



32.0599, 41.6458, 35.2029



32.0022, 41.6458, 56.7936



48.1997, 41.6458, 57.2694



48.2756, 41.6458, 35.5490

Sweetspot

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



32.0610, 41.6475, 35.2038



73.7468, 82.5581, 83.9795



37.0533, 44.3916, 27.7350



15.6165, 17.6599, 17.7578



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.



32.0610, 41.6475, 35.2038



53.0202, 72.4495, 56.9703



34.4671, 42.6100, 47.8742



9.0217, 10.1127, 10.2717



12.5407, 23.9172, 7.7694



0.4723, 0.8552, 0.4331

Inverse Universe

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



34.7832, 28.9971, 39.3627



58.7164, 45.9590, 65.6586



32.5970, 28.1226, 27.8505



9.2386, 9.1058, 10.6038



15.8749, 7.9237, 12.4941



0.5882, 0.2908, 0.5910

Previews

White Background



This preview shows how the XYZ color 32.0599, 41.6458, 35.2029 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 32.0599, 41.6458, 35.2029 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

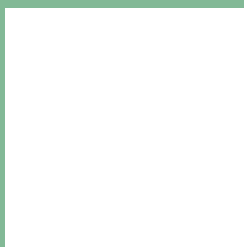
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0599, 41.6458, 35.2029

Background



This preview shows how black text looks on a background with the XYZ color 32.0599, 41.6458, 35.2029.



This preview shows how white text looks on a background with the XYZ color 32.0599, 41.6458,

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

32.0599, 41.6458, 35.2029

Protanopia

39.0019, 41.4333, 31.9284

Deuteranopia

41.9746, 41.2076, 36.3134



Tritanopia

36.3932, 41.5794, 56.5596

Trichromacy



Original Color

32.0599, 41.6458, 35.2029

Protanomaly

36.0147, 41.3061, 33.2688

Deuteranomaly

37.4879, 40.8450, 36.0450

Tritanomaly

34.6130, 41.4563, 47.7725

Monochromacy



Original Color

32.0599, 41.6458, 35.2029

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.0466, 38.7185, 38.9367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0599, 41.6458, 35.2029 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(130, 185, 150)` looks like.

```
.text, #text, p{  
    color:rgb(130, 185, 150)  
}
```

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(130, 185, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 185, 150) }
```

Border

The CSS property to change the border of an element to XYZ 32.0599, 41.6458, 35.2029 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(130, 185, 150) }
```


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

```
.border{ border-color:rgb(130, 185, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 185, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 185, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 185, 150);  
box-shadow:4px 4px 4px 4px rgb(130, 185,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0599, 41.6458, 35.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 185, 150) }
```

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

```
.background{ background-color: rgb(130,  
185, 150) }
```

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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