

Converting Colors

XYZ(32.1427, 39.7796, 32.3706)

Have a look what the booklet for
XYZ(32.1427, 39.7796, 32.3706)
contains.

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Color

**XYZ(32.3095, 40.0046,
32.4043)**

Conversions

Conversions Part 1

Format	Color
Hex	8EB390
RGB	142, 179, 144
RGB Percent	56%, 70%, 56%
CMY	0.4431, 0.2980, 0.4353
CMYK	0.21, 0.00, 0.20, 0.30
HSL	123°, 20%, 63%
HSV	123°, 21%, 70%
XYZ	32.3095, 40.0046, 32.4043
YIQ	163.9470, -10.8170, -18.7290

Conversions

Conversions Part 2

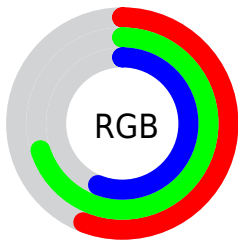
Format	Color
RYB	142, 177, 179
Decimal	9352080
CIELab	69.47, -19.46, 13.84
CIElCh	69, 23.881, 144.590
Yxy	40.0046, 0.3085, 0.3820
Android (android.graphics.Color)	4287542160 (0xFF8EB390)
YUV	163.9470, -9.8339, -19.2475
Hunter-Lab	63.2492, -19.5032, 13.8985

Details

The XYZ color **32.3095, 40.0046, 32.4043** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.2007, 32.1050, 45.8858**, and the grayscale version is **35.3113, 37.1502, 40.4566**.

A 20% lighter version of the original color is **62.6663, 75.2296, 64.6440**, and **13.7956, 17.9540, 13.3280** is the 20% darker color. If you saturate the color by 10%, you get **28.2829, 38.0684, 25.9594**, and if you desaturate by 10%, it is **37.0256, 42.2761, 39.8965**.

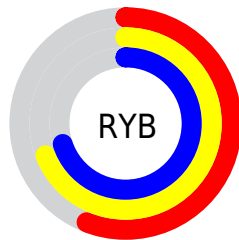
Distribution



Red (56%)

Green (70%)

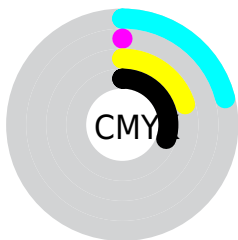
Blue (56%)



Red (56%)

Yellow (69%)

Blue (70%)

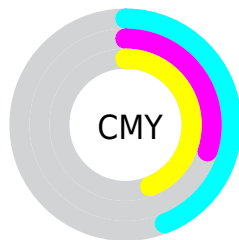


Cyan (21%)

Magenta (0%)

Yellow (20%)

Black (30%)



Cyan (44%)


Magenta (30%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3095, 40.0046, 32.4043 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 32.3095, 40.0046, 32.4043 by changing the saturation by 10% instead.


 32.3095, 40.0046,
32.4043


 32.3095, 40.0046,
32.4043


304.2470,
346.1430, 327.5062


 21.7547, 27.5421,
21.4031


 62.6579, 75.1705,
64.5496

 13.7924, 17.9808,
13.2249


 83.1822, 98.6428,
86.5308

 8.0571, 10.9362,
7.4510


 107.7604,
126.5537, 113.0092

 4.1836, 6.0239,
3.6631

136.7578,
159.2878, 144.4031

 1.8065, 2.8596,
1.4424

170.5398,
197.2293, 181.1313

 0.5216, 1.0589,
0.1744

209.4718,

 0.0000, 0.0000,

240.7628, 223.6121

0.0000

253.9191,
290.2725, 272.2643

■ 32.3095, 40.0046,
32.4043

■ 32.3095, 40.0046,
32.4043

■ 28.2829, 38.0684,
25.9594

■ 37.0256, 42.2761,
39.8965

■ 24.9105, 36.4470,
20.5127

■ 42.4581, 44.8923,
48.4768

■ 22.1586, 35.1250,
16.0151

■ 48.6362, 47.8687,
58.1873

■ 19.9895, 34.0843,
12.4122

■ 55.5866, 51.2182,
69.0670

■ 18.3611, 33.3044,
9.6444

■ 63.3347, 54.9530,
81.1529

■ 17.2257, 32.7622,
7.6445

■ 71.9047, 59.0849,
94.4804

■ 16.5273, 32.4304,
6.3352

■ 75.4109, 60.7217,
102.3536

■ 16.1739, 32.2629,
5.6528

Harmonies

Analogous

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



35.0285, 40.0046, 27.0005



32.3095, 40.0046, 32.4043



31.1268, 40.0046, 41.5921

Triad

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



32.3095, 40.0046, 32.4043



37.3303, 40.0046, 68.2243



45.1508, 40.0046, 35.3271

Complementary

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



32.3095, 40.0046, 32.4043



36.2007, 32.1050, 45.8858

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.



45.8696, 40.0046, 45.5853



32.3095, 40.0046, 32.4043



41.1838, 40.0046, 65.7908

Square

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



32.3095, 40.0046, 32.4043



33.8978, 40.0046, 63.1975



44.3736, 40.0046, 57.0163



42.4704, 40.0046, 28.4781

Rectangle

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



32.3095, 40.0046, 32.4043



31.3070, 40.0046, 49.1133



44.3736, 40.0046, 57.0163



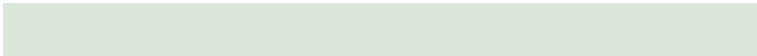
45.6371, 40.0046, 38.4386

Sweetspot

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



32.3106, 40.0063, 32.4052



70.5925, 77.7745, 78.2261



39.1699, 43.5599, 31.9351



15.5030, 17.1651, 17.1149



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.3106, 40.0063, 32.4052



54.2877, 69.9256, 52.3214



33.8294, 40.6138, 40.4033



8.4070, 9.4973, 9.1368



11.4365, 22.8006, 4.0357



0.3660, 0.7199, 0.1592

Inverse Universe

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



36.2007, 32.1050, 45.8858



62.5691, 53.1031, 81.0181



34.4924, 31.4217, 36.8900



8.8298, 8.6386, 10.6021



18.2269, 8.8083, 27.4184



0.5795, 0.2795, 0.8942

Previews

White Background



This preview shows how the XYZ color 32.3095, 40.0046, 32.4043 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 32.3095, 40.0046, 32.4043 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 32.3095, 40.0046, 32.4043

Background



This preview shows how black text looks on a background with the XYZ color 32.3095, 40.0046, 32.4043.



This preview shows how white text looks on a background with the XYZ color 32.3095, 40.0046,

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

32.3095, 40.0046, 32.4043

Protanopia

37.4386, 39.8237, 30.1396

Deuteranopia

40.3560, 39.6384, 33.1278



Tritanopia

36.3076, 39.8646, 52.7947

Trichromacy



Original Color

32.3095, 40.0046, 32.4043

Protanomaly

35.4772, 39.9172, 31.0342

Deuteranomaly

36.8318, 39.4499, 32.8675

Tritanomaly

34.5347, 39.7112, 44.3729

Monochromacy



Original Color

32.3095, 40.0046, 32.4043

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

33.9841, 37.8782, 37.4184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3095, 40.0046, 32.4043 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(142, 179, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 179, 144)  
}
```

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(142, 179, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 179, 144) }
```

Border

The CSS property to change the border of an element to XYZ 32.3095, 40.0046, 32.4043 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(142, 179, 144) }
```


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

```
.border{ border-color:rgb(142, 179, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 179, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 179, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 179, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 179,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3095, 40.0046, 32.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 179, 144) }
```

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

```
.background{ background-color: rgb(142,  
179, 144) }
```

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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