

Converting Colors

XYZ(32.3795, 39.7631, 49.6071)

Have a look what the booklet for
XYZ(32.3795, 39.7631, 49.6071)
contains.

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Color

**XYZ(32.3457, 39.6413,
49.6628)**

Conversions

Conversions Part 1

Format	Color
Hex	79B3B5
RGB	121, 179, 181
RGB Percent	47%, 70%, 71%
CMY	0.5255, 0.2980, 0.2902
CMYK	0.33, 0.01, 0.00, 0.29
HSL	182°, 29%, 59%
HSV	182°, 33%, 71%
XYZ	32.3457, 39.6413, 49.6628
YIQ	161.8860, -35.2100, -11.6740

Conversions

Conversions Part 2

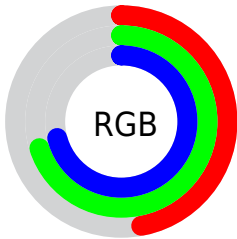
Format	Color
R_{YB}	121, 150, 181
Decimal	7975861
CIE _{Lab}	69.21, -18.22, -7.03
CIE _{LCh}	69, 19.526, 201.112
Yxy	39.6413, 0.2659, 0.3259
Android (android.graphics.Color)	4286165941 (0xFF79B3B5)
YUV	161.8860, 9.4232, -35.8570
Hunter-Lab	62.9613, -18.4799, -2.6940

Details

The XYZ color **32.3457, 39.6413, 49.6628** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.5907, 25.3705, 21.4273**, and the grayscale version is **34.2593, 36.0434, 39.2513**.

A 20% lighter version of the original color is **62.6736, 74.6450, 91.2255**, and **13.8114, 17.7454, 23.1193** is the 20% darker color. If you saturate the color by 10%, you get **29.9231, 38.2145, 49.5157**, and if you desaturate by 10%, it is **35.2470, 41.3177, 49.8341**.

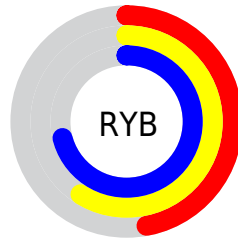
Distribution



Red (47%)

Green (70%)

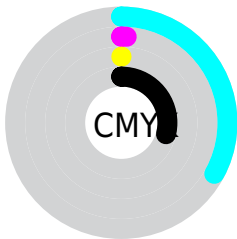
Blue (71%)



Red (47%)

Yellow (59%)

Blue (71%)

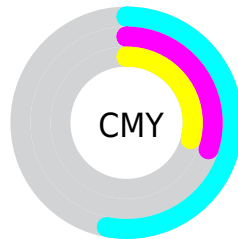


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (30%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3457, 39.6413, 49.6628 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 32.3457, 39.6413, 49.6628 by changing the saturation by 10% instead.

■ 32.3457, 39.6413,
49.6628

■ 32.3457, 39.6413,
49.6628

304.4084,
344.6094, 402.0430

■ 21.7825, 27.2590,
34.7762

■ 62.7142, 74.6170,
91.0662

■ 13.8129, 17.7678,
23.2084

■ 83.2502, 97.9791,
118.4202

■ 8.0715, 10.7834,
14.5407

■ 107.8412,
125.7700, 150.7670

■ 4.1929, 5.9214,
8.3547

136.8525,
158.3741, 188.5252

■ 1.8118, 2.7973,
4.2317

170.6496,
196.1756, 232.1134

■ 0.5248, 1.0269,
1.7533

209.5977,

■ 0.0000, 0.0000,

239.5591, 281.9501

0.3969

254.0622,
288.9089, 338.4538

■ 0.0000, 0.0000,
0.0000

■ 32.3457, 39.6413,
49.6628

■ 32.3457, 39.6413,
49.6628

■ 29.9231, 38.2145,
49.5157

■ 35.2470, 41.3177,
49.8341

■ 27.9492, 37.0187,
49.3890

■ 38.6483, 43.2516,
50.0281

■ 26.3957, 36.0404,
49.2820

■ 42.5734, 45.4564,
50.2468

■ 25.2299, 35.2628,
49.1934

■ 47.0440, 47.9432,
50.4912

■ 24.4141, 34.6665,
49.1213

■ 52.0804, 50.7224,
50.7622

■ 23.9033, 34.2281,
49.0636

■ 57.7017, 53.8040,
51.0607

■ 23.6655, 33.9860,
49.0294

■ 63.9263, 57.1973,
51.3876

■ 66.6848, 58.8046,
51.5525

■ 66.8101, 59.0553,
51.5943

Harmonies

Analogous

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



32.0475, 39.6413, 40.5581



32.3457, 39.6413, 49.6628



34.0300, 39.6413, 57.9913

Triad

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



32.3457, 39.6413, 49.6628



42.5513, 39.6413, 54.8929



38.6139, 39.6413, 28.2950

Complementary

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



32.3457, 39.6413, 49.6628



29.5907, 25.3705, 21.4273

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.



41.5775, 39.6413, 31.1054



32.3457, 39.6413, 49.6628



43.9319, 39.6413, 45.8763

Square

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



32.3457, 39.6413, 49.6628



39.8840, 39.6413, 61.2892



43.5660, 39.6413, 37.2559



35.5546, 39.6413, 29.0168

Rectangle

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



32.3457, 39.6413, 49.6628



35.7660, 39.6413, 61.5783



43.5660, 39.6413, 37.2559



39.6567, 39.6413, 28.8418

Sweetspot

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



32.3469, 39.6429, 49.6637



71.2130, 78.5871, 89.7101



27.9226, 38.5186, 24.3763



15.1895, 16.8715, 19.3782



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.



32.3469, 39.6429, 49.6637



54.5905, 69.0349, 88.7425



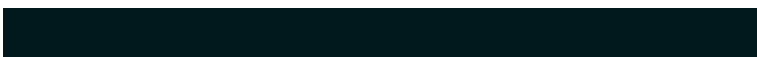
27.1328, 29.2147, 47.9257



8.7179, 9.5820, 10.8964



16.3248, 23.4499, 33.8029



0.5211, 0.7528, 1.0661

Inverse Universe

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



34.0310, 26.7541, 46.0200



58.1096, 42.3696, 81.0690



33.7362, 33.6615, 22.8092



8.8376, 8.6417, 10.6430



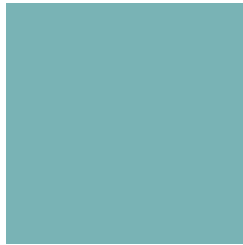
18.4746, 8.9074, 28.7232



0.5851, 0.2818, 0.9236

Previews

White Background



This preview shows how the XYZ color 32.3457, 39.6413, 49.6628 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 32.3457, 39.6413, 49.6628 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

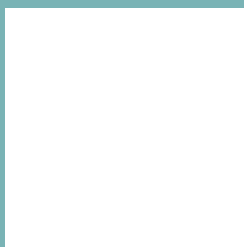
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3457, 39.6413, 49.6628

Background



This preview shows how black text looks on a background with the XYZ color 32.3457, 39.6413, 49.6628.



This preview shows how white text looks on a background with the XYZ color 32.3457, 39.6413,

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

32.3457, 39.6413, 49.6628

Protanopia

38.0363, 39.2395, 45.6136

Deuteranopia

40.0587, 39.3587, 50.8331



Tritanopia

33.5487, 39.5351, 55.7320

Trichromacy



Original Color

32.3457, 39.6413, 49.6628

Protanomaly

35.4476, 38.9755, 47.2497

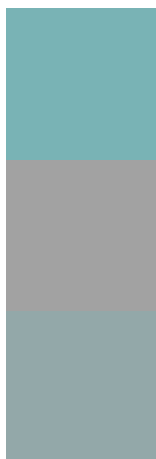
Deuteranomaly

36.6398, 38.9629, 50.3892

Tritanomaly

33.1659, 39.6826, 53.4884

Monochromacy



Original Color

32.3457, 39.6413, 49.6628

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1967, 37.0729, 42.9422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3457, 39.6413, 49.6628 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, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(121, 179, 181)  
}
```

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, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 179, 181) }
```

Border

The CSS property to change the border of an element to XYZ 32.3457, 39.6413, 49.6628 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, 179, 181) }
```


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

```
.border{ border-color:rgb(121, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(121, 179,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3457, 39.6413, 49.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 179, 181) }
```

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

```
.background{ background-color: rgb(121,  
179, 181) }
```

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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