

Converting Colors

XYZ(31.6122, 39.8383, 40.9914)

Have a look what the booklet for
XYZ(31.6122, 39.8383, 40.9914)
contains.

XYZ(31.6263, 39.7585, 41.1292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.6263, 39.7585,
41.1292)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB4A4
RGB	126, 180, 164
RGB Percent	49%, 71%, 64%
CMY	0.5059, 0.2941, 0.3569
CMYK	0.30, 0.00, 0.09, 0.29
HSL	162°, 26%, 60%
HSV	162°, 30%, 71%
XYZ	31.6263, 39.7585, 41.1292
YIQ	162.0300, -27.0480, -16.4240

Conversions

Conversions Part 2

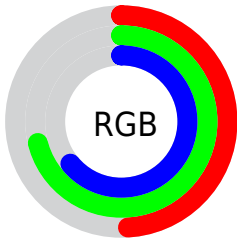
Format	Color
RYB	126, 158, 180
Decimal	8303780
CIELab	69.30, -21.18, 2.49
CIElCh	69, 21.330, 173.299
Yxy	39.7585, 0.2811, 0.3534
Android (android.graphics.Color)	4286493860 (0xFF7EB4A4)
YUV	162.0300, 0.9712, -31.5983
Hunter-Lab	63.0543, -20.8145, 5.4643

Details

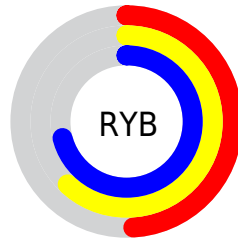
The XYZ color **31.6263, 39.7585, 41.1292** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.1671, 26.5791, 29.0805**, and the grayscale version is **34.3623, 36.1518, 39.3693**.

A 20% lighter version of the original color is **61.6040, 74.8087, 78.2105**, and **13.4157, 17.8445, 18.0665** is the 20% darker color. If you saturate the color by 10%, you get **28.7357, 38.3239, 38.5324**, and if you desaturate by 10%, it is **35.0170, 41.4507, 43.8566**.

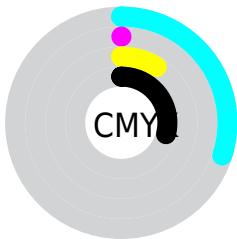
Distribution



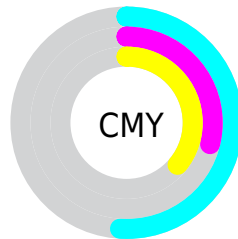
- Red (49%)
- Green (71%)
- Blue (64%)



- Red (49%)
- Yellow (62%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (9%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.6263, 39.7585, 41.1292 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 31.6263, 39.7585, 41.1292 by changing the saturation by 10% instead.

■ 31.6263, 39.7585,
41.1292

■ 31.6263, 39.7585,
41.1292

301.1890,
345.1046, 366.5529

■ 21.2304, 27.3503,
28.0996

■ 61.5939, 74.7956,
78.1358

■ 13.4059, 17.8365,
18.1611

■ 81.8964, 98.1933,
102.9498

■ 7.7876, 10.8327,
10.8950

■ 106.2317,
126.0230, 132.5291

■ 4.0100, 5.9544,
5.8830

134.9653,
158.6691, 167.2922

■ 1.7078, 2.8174,
2.7064

168.4624,
196.5158, 207.6576

■ 0.4611, 1.0372,
0.9467

207.0885,

■ 0.0000, 0.0000,

239.9478, 254.0438

0.0000

251.2089,
289.3492, 306.8694

■ 31.6263, 39.7585,
41.1292

■ 31.6263, 39.7585,
41.1292

■ 28.7357, 38.3239,
38.5324

■ 35.0170, 41.4507,
43.8566

■ 26.3159, 37.1286,
36.0610

■ 38.9283, 43.4078,
46.7142

■ 24.3398, 36.1598,
33.7133


■ 43.3837, 45.6431,
49.7053


■ 22.7759, 35.4013,
31.4865


■ 48.4042, 48.1673,
52.8320


■ 21.5887, 34.8347,
29.3775


■ 54.0099, 50.9906,
56.0965


 20.7361, 34.4384,
27.3831

 60.2195, 54.1229,
59.5007

 20.1308, 34.1675,
25.4977

 67.0511, 57.5733,
63.0468

 68.7846, 58.3930,
66.4682

 69.4466, 58.6578,
69.9543

Harmonies

Analogous

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



32.7575, 39.7585, 32.9806



31.6263, 39.7585, 41.1292



32.0647, 39.7585, 51.1760

Triad

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



31.6263, 39.7585, 41.1292



40.4508, 39.7585, 62.9973



41.8578, 39.7585, 29.8762

Complementary

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



31.6263, 39.7585, 41.1292



31.1671, 26.5791, 29.0805

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.



44.1576, 39.7585, 36.2593



31.6263, 39.7585, 41.1292



43.3116, 39.7585, 55.5515

Square

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



31.6263, 39.7585, 41.1292



37.0270, 39.7585, 64.8218



44.7050, 39.7585, 45.5257



38.5620, 39.7585, 27.1481

Rectangle

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



31.6263, 39.7585, 41.1292



33.2018, 39.7585, 57.5356



44.7050, 39.7585, 45.5257



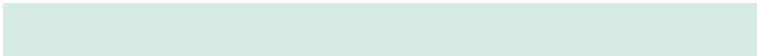
42.7809, 39.7585, 31.6147

Sweetspot

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



31.6274, 39.7601, 41.1301



71.2270, 79.0273, 85.1486



31.2781, 39.9191, 25.7960



15.1590, 16.9625, 18.2389



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.



31.6274, 39.7601, 41.1301



53.7779, 70.3175, 71.4325



31.0689, 36.1828, 48.5284



8.6332, 9.5878, 10.3281



14.0800, 23.8580, 17.9560



0.4671, 0.7603, 0.6920

Inverse Universe

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



31.1671, 26.5791, 29.0805



52.8130, 42.5547, 46.0758



31.5068, 29.0453, 23.6851



8.5965, 8.5453, 9.3738



13.6171, 6.9644, 3.1435



0.4547, 0.2296, 0.2373

Previews

White Background



This preview shows how the XYZ color 31.6263, 39.7585, 41.1292 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 31.6263, 39.7585, 41.1292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

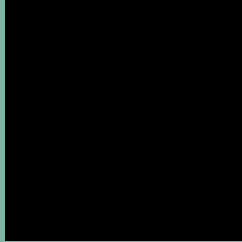
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.6263, 39.7585, 41.1292

Background



This preview shows how black text looks on a background with the XYZ color 31.6263, 39.7585, 41.1292.



This preview shows how white text looks on a background with the XYZ color 31.6263, 39.7585,

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

31.6263, 39.7585, 41.1292

Protanopia

37.5440, 39.4383, 37.5319

Deuteranopia

40.1727, 39.3358, 42.5210



Tritanopia

34.3353, 39.6739, 54.5634

Trichromacy



Original Color

31.6263, 39.7585, 41.1292

Protanomaly

35.0023, 39.2112, 38.9814

Deuteranomaly

36.4729, 39.0585, 42.1759

Tritanomaly

33.2686, 39.5263, 49.5920

Monochromacy



Original Color

31.6263, 39.7585, 41.1292

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1933, 37.4098, 40.1217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6263, 39.7585, 41.1292 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(126, 180, 164)` looks like.

```
.text, #text, p{  
    color:rgb(126, 180, 164)  
}
```

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(126, 180, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 180, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.6263, 39.7585, 41.1292 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(126, 180, 164) }
```


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

```
.border{ border-color:rgb(126, 180, 164) }
```

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

Here you see how a box with a 4 pixel rgb(126, 180, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 180, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 180, 164);  
box-shadow:4px 4px 4px 4px rgb(126, 180,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6263, 39.7585, 41.1292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 180, 164) }
```

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

```
.background{ background-color: rgb(126,  
180, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor