

Converting Colors

XYZ(34.6769, 41.5007, 47.2571)

Have a look what the booklet for
XYZ(34.6769, 41.5007, 47.2571)
contains.

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Color

**XYZ(34.6769, 41.5007,
47.2571)**

Conversions

Conversions Part 1

Format	Color
Hex	89B5B0
RGB	137, 181, 176
RGB Percent	54%, 71%, 69%
CMY	0.4627, 0.2902, 0.3098
CMYK	0.24, 0.00, 0.03, 0.29
HSL	173°, 23%, 62%
HSV	173°, 24%, 71%
XYZ	34.6769, 41.5007, 47.2571
YIQ	167.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

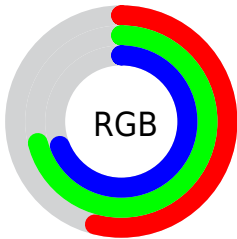
Format	Color
RYB	137, 160, 181
Decimal	9024944
CIELab	70.53, -15.68, -2.24
CIElCh	71, 15.838, 188.145
Yxy	41.5007, 0.2809, 0.3362
Android (android.graphics.Color)	4287215024 (0xFF89B5B0)
YUV	167.2740, 4.3019, -26.5503
Hunter-Lab	64.4210, -16.6529, 1.6016

Details

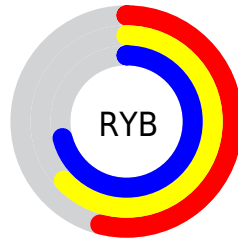
The XYZ color **34.6769, 41.5007, 47.2571** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.8857, 29.6693, 29.5864**, and the grayscale version is **36.8534, 38.7726, 42.2234**.

A 20% lighter version of the original color is **66.3355, 77.4709, 87.8011**, and **15.1950, 18.8720, 21.9106** is the 20% darker color. If you saturate the color by 10%, you get **31.7534, 40.0180, 46.0663**, and if you desaturate by 10%, it is **38.1037, 43.2446, 48.4894**.

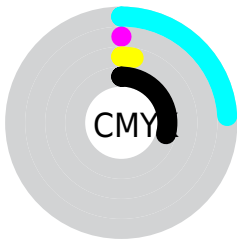
Distribution



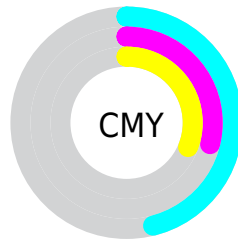
- Red (54%)
- Green (71%)
- Blue (69%)



- Red (54%)
- Yellow (63%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (46%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6769, 41.5007, 47.2571 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 34.6769, 41.5007, 47.2571 by changing the saturation by 10% instead.


 34.6769, 41.5007,
47.2571


 34.6769, 41.5007,
47.2571


314.6729,
352.4090, 392.2633

 23.5794, 28.7105,
32.8831


 66.3223, 77.4434,
87.4513

 15.1450, 18.8620,
21.7666


 87.6009, 101.3647,
114.1086

 9.0082, 11.5706,
13.4888


 113.0039,
129.7652, 145.6974

 4.8037, 6.4520,
7.6313

142.8967,
163.0292, 182.6363

 2.1661, 3.1218,
3.7756

177.6447,
201.5412, 225.3437

 0.7248, 1.1957,
1.5031

217.6131,

 0.0000, 0.0582,

245.6856, 274.2384

0.2202

263.1674,
295.8467, 329.7387

■ 0.0000, 0.0000,
0.0000

■ 34.6769, 41.5007,
47.2571

■ 34.6769, 41.5007,
47.2571

■ 31.7534, 40.0180,
46.0663

■ 38.1037, 43.2446,
48.4894

■ 29.3047, 38.7786,
44.9128

■ 42.0532, 45.2566,
49.7614

■ 27.3050, 37.7704,
43.7964

■ 46.5484, 47.5495,
51.0752

■ 25.7248, 36.9780,
42.7155

■ 51.6095, 50.1339,
52.4318

■ 24.5306, 36.3844,
41.6684

■ 57.2561, 53.0197,
53.8322

■ 23.6842, 35.9696,
40.6535

■ 63.5066, 56.2164,
55.2773

■ 23.1394, 35.7100,
39.6683

■ 67.1032, 58.0447,
56.6148

■ 22.9072, 35.6022,
39.1183

■ 67.3304, 58.1355,
57.8111

■ 67.5608, 58.2277,
59.0243

Harmonies

Analogous

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



34.9626, 41.5007, 40.0388



34.6769, 41.5007, 47.2571



35.6237, 41.5007, 54.6719

Triad

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



34.6769, 41.5007, 47.2571



42.6311, 41.5007, 57.4767



41.3455, 41.5007, 33.1028

Complementary

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



34.6769, 41.5007, 47.2571



32.8857, 29.6693, 29.5864

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.



43.5306, 41.5007, 36.8682



34.6769, 41.5007, 47.2571



44.2954, 41.5007, 50.7591

Square

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



34.6769, 41.5007, 47.2571



40.1614, 41.5007, 60.9833



44.6317, 41.5007, 43.1787



38.7375, 41.5007, 32.3855

Rectangle

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



34.6769, 41.5007, 47.2571



36.8521, 41.5007, 58.5467



44.6317, 41.5007, 43.1787



42.1572, 41.5007, 34.0323

Sweetspot

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



34.6781, 41.5024, 47.2580



73.2305, 79.9887, 88.4707



32.2187, 40.6182, 29.8097



15.7364, 17.2419, 19.0928



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.



34.6781, 41.5024, 47.2580



59.2853, 72.8948, 83.5213



31.9576, 35.2547, 48.8385



8.7002, 9.6146, 10.6810



15.8072, 24.5489, 27.0515



0.5091, 0.7771, 0.9130

Inverse Universe

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



32.8857, 29.6693, 29.5864



55.5377, 48.1406, 46.5630



35.1065, 34.6985, 28.5149



8.5343, 8.5205, 9.0463



13.2412, 6.8140, 1.1639



0.4292, 0.2194, 0.1030

Previews

White Background



This preview shows how the XYZ color 34.6769, 41.5007, 47.2571 looks on a white background.

Color Contrast Check

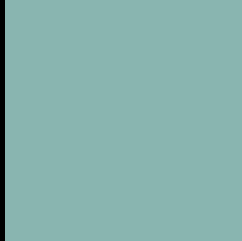
Large Text (above 18pt) WCAG AA × Fail

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 34.6769, 41.5007, 47.2571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

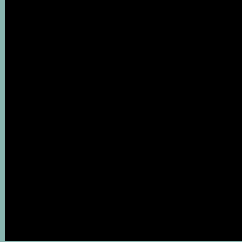
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.6769, 41.5007, 47.2571

Background



This preview shows how black text looks on a background with the XYZ color 34.6769, 41.5007, 47.2571.

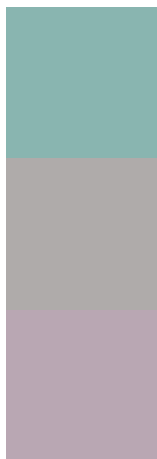


This preview shows how white text looks on a background with the XYZ color 34.6769, 41.5007,

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

34.6769, 41.5007, 47.2571

Protanopia

39.4978, 41.1421, 43.8897

Deuteranopia

41.9630, 41.2064, 48.3898



Tritanopia

36.3613, 41.2665, 56.5009

Trichromacy



Original Color

34.6769, 41.5007, 47.2571

Protanomaly

37.4743, 41.2156, 45.0100

Deuteranomaly

38.9369, 41.0442, 47.9896

Tritanomaly

35.7372, 41.3170, 53.1051

Monochromacy



Original Color

34.6769, 41.5007, 47.2571

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.7185, 39.4752, 43.7671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6769, 41.5007, 47.2571 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(137, 181, 176)` looks like.

```
.text, #text, p{  
    color:rgb(137, 181, 176)  
}
```

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(137, 181, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 181, 176) }
```

Border

The CSS property to change the border of an element to XYZ 34.6769, 41.5007, 47.2571 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(137, 181, 176) }
```


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

```
.border{ border-color:rgb(137, 181, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 181, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 181, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 181, 176);  
box-shadow:4px 4px 4px 4px rgb(137, 181,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6769, 41.5007, 47.2571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 181, 176) }
```

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

```
.background{ background-color: rgb(137,  
181, 176) }
```

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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