

Converting Colors

XYZ(32.6543, 46.1530, 34.6477)

Have a look what the booklet for
XYZ(32.6543, 46.1530, 34.6477)
contains.

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Color

**XYZ(32.6630, 46.2078,
34.8012)**

Conversions

Conversions Part 1

Format	Color
Hex	74C693
RGB	116, 198, 147
RGB Percent	45%, 78%, 58%
CMY	0.5451, 0.2235, 0.4235
CMYK	0.41, 0.00, 0.26, 0.22
HSL	143°, 42%, 62%
HSV	143°, 41%, 78%
XYZ	32.6630, 46.2078, 34.8012
YIQ	167.6680, -32.5010, -33.2450

Conversions

Conversions Part 2

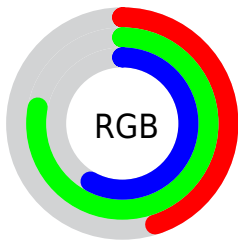
Format	Color
RYB	116, 176, 198
Decimal	7653011
CIELab	73.68, -36.33, 17.88
CIELCh	74, 40.491, 153.800
Yxy	46.2078, 0.2873, 0.4065
Android (android.graphics.Color)	4285843091 (0xFF74C693)
YUV	167.6680, -10.1893, -45.3128
Hunter-Lab	67.9763, -33.1883, 17.2293

Details

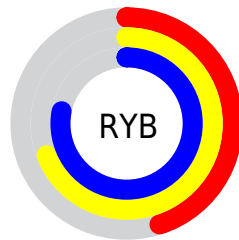
The XYZ color **32.6630, 46.2078, 34.8012** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **36.5107, 27.2876, 39.9037**, and the grayscale version is **37.1174, 39.0504, 42.5259**.

A 20% lighter version of the original color is **63.0972, 84.3950, 68.2226**, and **14.0712, 21.8152, 14.5355** is the 20% darker color. If you saturate the color by 10%, you get **29.3912, 44.6281, 29.8712**, and if you desaturate by 10%, it is **36.6017, 48.1218, 40.3045**.

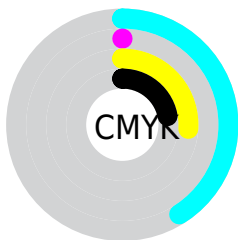
Distribution



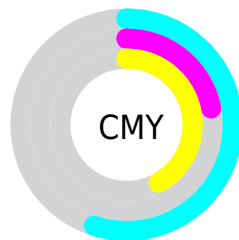
- Red (45%)
- Green (78%)
- Blue (58%)



- Red (45%)
- Yellow (69%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)





- Cyan (55%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6630, 46.2078, 34.8012 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 32.6630, 46.2078, 34.8012 by changing the saturation by 10% instead.


 32.6630, 46.2078,
34.8012


 32.6630, 46.2078,
34.8012


305.8204,
371.6434, 338.5675

 22.0264, 32.4098,
23.2275


 63.2072, 84.5299,
68.3258

 13.9930, 21.6747,
14.5547


 83.8456, 109.8228,
91.1136

 8.1975, 13.6181,
8.3643


 108.5486,
139.7162, 118.4767

 4.2744, 7.8555,
4.2378

137.6815,
174.5944, 150.8333

 1.8585, 4.0026,
1.7567

171.6098,
214.8418, 188.6022

 0.5526, 1.6750,
0.3992

210.6988,

 0.0000, 0.4074,

260.8429, 232.2019

0.0000

255.3139,
312.9820, 282.0508

■ 0.0000, 0.0000,
0.0000

■ 32.6630, 46.2078,
34.8012

■ 32.6630, 46.2078,
34.8012

■ 29.3912, 44.6281,
29.8712

■ 36.6017, 48.1218,
40.3045

■ 26.7433, 43.3573,
25.4926

■ 41.2395, 50.3827,
46.3959

■ 24.6772, 42.3751,
21.6466


■ 46.6108, 53.0090,
53.0933


■ 23.1432, 41.6566,
18.3121


■ 52.7468, 56.0166,
60.4132


■ 22.0828, 41.1718,
15.4665

■ 59.6766, 59.4201,
68.3713

 21.4600, 40.8960,
13.3930

 67.4279, 63.2335,
76.9826

 76.0271, 67.4700,
86.2619

 77.9962, 68.2745,
95.8721

 79.4850, 68.8700,
103.7117

Harmonies

Analogous

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



36.6801, 46.2078, 24.0957



32.6630, 46.2078, 34.8012



31.5371, 46.2078, 52.9778

Triad

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



32.6630, 46.2078, 34.8012



44.8402, 46.2078, 100.9553



56.4153, 46.2078, 31.3716

Complementary

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



32.6630, 46.2078, 34.8012



36.5107, 27.2876, 39.9037

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.



59.1798, 46.2078, 47.7380



32.6630, 46.2078, 34.8012



52.0530, 46.2078, 90.8246

Square

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



32.6630, 46.2078, 34.8012



38.1031, 46.2078, 94.7641



57.5031, 46.2078, 69.8590



50.2987, 46.2078, 22.5275

Rectangle

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



32.6630, 46.2078, 34.8012



32.4629, 46.2078, 68.0083



57.5031, 46.2078, 69.8590



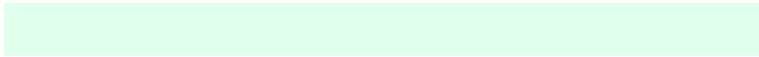
57.7959, 46.2078, 35.9879

Sweetspot

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



32.6642, 46.2097, 34.8022



81.7603, 93.4856, 93.0678



39.4824, 49.9688, 24.0874



17.2166, 19.8710, 19.5727



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.6642, 46.2097, 34.8022



52.3939, 79.1932, 53.4433



36.3748, 47.6939, 54.3419



10.6606, 11.9531, 12.1628



13.9939, 26.6099, 8.9125



0.6977, 1.2740, 0.6069

Inverse Universe

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



36.5107, 27.2876, 39.9037



60.1321, 41.0634, 63.6600



33.3618, 26.0280, 23.3221



10.9065, 10.7460, 12.4911



17.5190, 8.7572, 13.2087



0.8639, 0.4284, 0.8066

Previews

White Background



This preview shows how the XYZ color 32.6630, 46.2078, 34.8012 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 32.6630, 46.2078, 34.8012 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 32.6630, 46.2078, 34.8012

Background



This preview shows how black text looks on a background with the XYZ color 32.6630, 46.2078, 34.8012.



This preview shows how white text looks on a background with the XYZ color 32.6630, 46.2078,

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

32.6630, 46.2078, 34.8012

Protanopia

42.7197, 45.7131, 30.9980

Deuteranopia

46.3432, 45.4195, 36.0301



Tritanopia

38.6073, 45.9503, 65.2270

Trichromacy



Original Color

32.6630, 46.2078, 34.8012

Protanomaly

37.9627, 45.3862, 32.3507

Deuteranomaly

39.6885, 44.6566, 35.3819

Tritanomaly

36.1391, 45.9278, 52.8592

Monochromacy



Original Color

32.6630, 46.2078, 34.8012

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

34.8597, 41.1678, 39.3666

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6630, 46.2078, 34.8012 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(116, 198, 147)` looks like.

```
.text, #text, p{  
    color:rgb(116, 198, 147)  
}
```

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(116, 198, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 198, 147) }
```

Border

The CSS property to change the border of an element to XYZ 32.6630, 46.2078, 34.8012 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(116, 198, 147) }
```


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

```
.border{ border-color:rgb(116, 198, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 198, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 198, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 198, 147);  
box-shadow:4px 4px 4px 4px rgb(116, 198,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6630, 46.2078, 34.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 198, 147) }
```

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

```
.background{ background-color: rgb(116,  
198, 147) }
```

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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