

Converting Colors

XYZ(32.5347, 46.0234, 30.5686)

Have a look what the booklet for
XYZ(32.5347, 46.0234, 30.5686)
contains.

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Color

**XYZ(32.4362, 45.8477,
30.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC588
RGB	122, 197, 136
RGB Percent	48%, 77%, 53%
CMY	0.5216, 0.2274, 0.4667
CMYK	0.38, 0.00, 0.31, 0.23
HSL	131°, 39%, 63%
HSV	131°, 38%, 77%
XYZ	32.4362, 45.8477, 30.4325
YIQ	167.6210, -25.1190, -34.8710

Conversions

Conversions Part 2

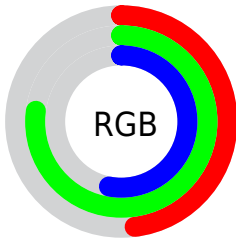
Format	Color
RYB	122, 185, 197
Decimal	8045960
CIELab	73.45, -36.14, 23.45
CIELCh	73, 43.081, 147.015
Yxy	45.8477, 0.2984, 0.4217
Android (android.graphics.Color)	4286236040 (0xFF7AC588)
YUV	167.6210, -15.5892, -40.0096
Hunter-Lab	67.7109, -32.9856, 20.7499

Details

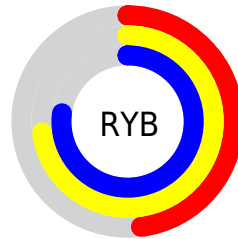
The XYZ color **32.4362, 45.8477, 30.4325** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **38.5342, 29.2091, 48.4082**, and the grayscale version is **37.1174, 39.0504, 42.5259**.

A 20% lighter version of the original color is **62.8675, 83.9484, 61.6054**, and **13.9564, 21.5820, 12.2343** is the 20% darker color. If you saturate the color by 10%, you get **28.8697, 44.1323, 24.7595**, and if you desaturate by 10%, it is **36.7408, 47.9265, 37.0307**.

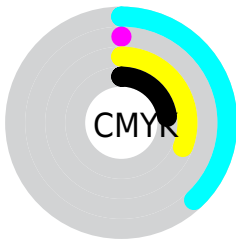
Distribution



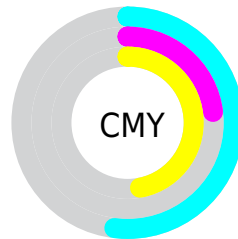
- Red (48%)
- Green (77%)
- Blue (53%)



- Red (48%)
- Yellow (73%)
- Blue (77%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (52%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4362, 45.8477, 30.4325 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 32.4362, 45.8477, 30.4325 by changing the saturation by 10% instead.

■ 32.4362, 45.8477,
30.4325

■ 32.4362, 45.8477,
30.4325

304.8116,
370.1960, 318.1851

■ 21.8521, 32.1257,
19.9123

■ 62.8549, 83.9910,
61.4145

■ 13.8642, 21.4575,
12.1478

■ 83.4201, 109.1811,
82.7134

■ 8.1074, 13.4588,
6.7207

■ 108.0431,
138.9626, 108.4423

■ 4.2161, 7.7452,
3.2123

137.0892,
173.7200, 139.0197

■ 1.8251, 3.9324,
1.2040

170.9237,
213.8376, 174.8641

■ 0.5327, 1.6358,
0.0000

209.9121,

■ 0.0000, 0.3816,

259.6999, 216.3941

0.0000

254.4196,
311.6913, 264.0283

■ 0.0000, 0.0000,
0.0000

■ 32.4362, 45.8477,
30.4325

■ 32.4362, 45.8477,
30.4325

■ 28.8697, 44.1323,
24.7595

■ 36.7408, 47.9265,
37.0307

■ 25.9957, 42.7538,
19.9673

■ 41.8185, 50.3821,
44.5897

■ 23.7694, 41.6913,
16.0125


■ 47.7063, 53.2341,
53.1470

■ 22.1386, 40.9190,
12.8470


■ 54.4377, 56.4990,
62.7370


■ 21.0431, 40.4069,
10.4172


■ 62.0445, 60.1924,
73.3927

 20.3954, 40.1112,
8.6627

 70.5566, 64.3293,
85.1455

 20.2976, 40.0665,
8.3957

 78.1756, 67.9817,
97.9401

 79.2572, 68.4144,
103.6357

Harmonies

Analogous

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



37.2727, 45.8477, 21.1555



32.4362, 45.8477, 30.4325



30.5561, 45.8477, 47.7734

Triad

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



32.4362, 45.8477, 30.4325



42.8206, 45.8477, 104.4383



57.9293, 45.8477, 33.2267

Complementary

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



32.4362, 45.8477, 30.4325



38.5342, 29.2091, 48.4082

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.



59.8533, 45.8477, 52.1307



32.4362, 45.8477, 30.4325



50.5546, 45.8477, 97.2363

Square

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



32.4362, 45.8477, 30.4325



36.0981, 45.8477, 93.8780



57.0145, 45.8477, 76.3359



52.0232, 45.8477, 22.4086

Rectangle

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



32.4362, 45.8477, 30.4325



31.0478, 45.8477, 63.1905



57.0145, 45.8477, 76.3359



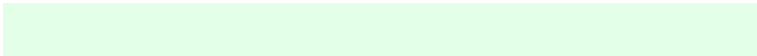
59.0909, 45.8477, 38.6516

Sweetspot

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



32.4374, 45.8496, 30.4335



82.0147, 93.6796, 90.2420



43.0689, 51.4379, 26.0711



17.2386, 19.8982, 18.8575



0.0000, 0.0000, 0.0000



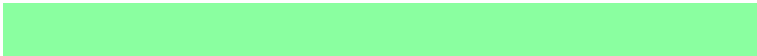
20.3446, 21.4041, 23.3091

Same Dimension

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



32.4374, 45.8496, 30.4335



52.5016, 79.4217, 45.6360



35.5607, 47.0989, 46.8804



10.5770, 11.9197, 11.7227



13.3731, 26.3616, 5.6432



0.6583, 1.2583, 0.3995

Inverse Universe

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



38.5342, 29.2091, 48.4082



65.0082, 45.2401, 82.4738



35.1557, 27.8577, 30.6172



10.9949, 10.7813, 12.9564



19.3606, 9.4938, 22.9063



0.9393, 0.4586, 1.2037

Previews

White Background



This preview shows how the XYZ color 32.4362, 45.8477, 30.4325 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 32.4362, 45.8477, 30.4325 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 32.4362, 45.8477, 30.4325

Background



This preview shows how black text looks on a background with the XYZ color 32.4362, 45.8477, 30.4325.

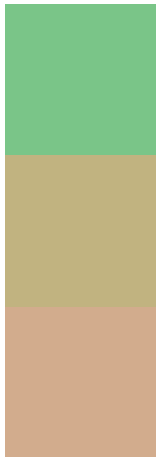


This preview shows how white text looks on a background with the XYZ color 32.4362, 45.8477,

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

32.4362, 45.8477, 30.4325

Protanopia

42.0087, 45.1362, 26.9201

Deuteranopia

46.1386, 45.1298, 31.4785



Tritanopia

39.0356, 45.5603, 63.8634

Trichromacy



Original Color

32.4362, 45.8477, 30.4325



Protanomaly

37.5920, 44.9720, 28.1719



Deuteranomaly

39.5442, 44.3768, 30.9075



Tritanomaly

36.1276, 45.3416, 49.4955

Monochromacy



Original Color

32.4362, 45.8477, 30.4325



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

34.8833, 41.2198, 37.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4362, 45.8477, 30.4325 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(122, 197, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 197, 136)  
}
```

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(122, 197, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 197, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.4362, 45.8477, 30.4325 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(122, 197, 136) }
```


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

```
.border{ border-color:rgb(122, 197, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 197, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 197, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 197, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 197,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4362, 45.8477, 30.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 197, 136) }
```

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

```
.background{ background-color: rgb(122,  
197, 136) }
```

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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