

Converting Colors

XYZ(32.7992, 45.6276, 30.1556)

Have a look what the booklet for
XYZ(32.7992, 45.6276, 30.1556)
contains.

XYZ(32.8655, 45.7412, 30.0184)	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(32.8655, 45.7412,
30.0184)**

Conversions

Conversions Part 1

Format	Color
Hex	7FC487
RGB	127, 196, 135
RGB Percent	50%, 77%, 53%
CMY	0.5020, 0.2314, 0.4706
CMYK	0.35, 0.00, 0.31, 0.23
HSL	127°, 37%, 63%
HSV	127°, 35%, 77%
XYZ	32.8655, 45.7412, 30.0184
YIQ	168.4150, -21.5430, -33.5990

Conversions

Conversions Part 2

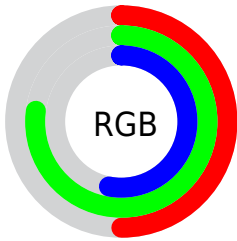
Format	Color
RYB	127, 189, 196
Decimal	8373383
CIELab	73.38, -34.30, 23.93
CIELCh	73, 41.826, 145.100
Yxy	45.7412, 0.3026, 0.4211
Android (android.graphics.Color)	4286563463 (0xFF7FC487)
YUV	168.4150, -16.4736, -36.3210
Hunter-Lab	67.6322, -31.6154, 21.0269

Details

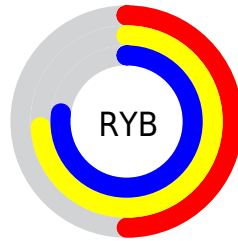
The XYZ color **32.8655, 45.7412, 30.0184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.4329, 30.5463, 51.3964**, and the grayscale version is **37.5106, 39.4640, 42.9763**.

A 20% lighter version of the original color is **63.6020, 83.8698, 60.9804**, and **14.1367, 21.4577, 11.9910** is the 20% darker color. If you saturate the color by 10%, you get **29.1032, 43.9327, 23.9842**, and if you desaturate by 10%, it is **37.3966, 47.9258, 37.1271**.

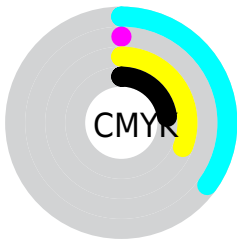
Distribution



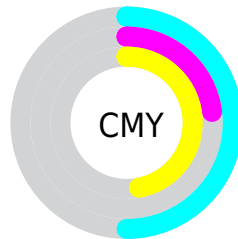
- Red (50%)
- Green (77%)
- Blue (53%)



- Red (50%)
- Yellow (74%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (31%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8655, 45.7412, 30.0184 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 32.8655, 45.7412, 30.0184 by changing the saturation by 10% instead.

■ 32.8655, 45.7412,
30.0184

■ 32.8655, 45.7412,
30.0184

306.7189,
369.7672, 316.2002

■ 22.1822, 32.0416,
19.6004

■ 63.5216, 83.8315,
60.7526

■ 14.1082, 21.3933,
11.9237

■ 84.2250, 108.9911,
81.9059

■ 8.2781, 13.4118,
6.5698

■ 108.9992,
138.7395, 107.4747

■ 4.3267, 7.7127,
3.1202

138.2095,
173.4611, 137.8776

■ 1.8886, 3.9117,
1.1564

172.2213,
213.5402, 173.5330

■ 0.5702, 1.6243,
0.0000

211.3999,

■ 0.0000, 0.3739,

259.3614, 214.8595

0.0000

256.1107,
311.3089, 262.2758

■ 0.0000, 0.0000,
0.0000

■ 32.8655, 45.7412,
30.0184

■ 32.8655, 45.7412,
30.0184

■ 29.1032, 43.9327,
23.9842

■ 37.3966, 47.9258,
37.1271

■ 26.0635, 42.4735,
18.9692

■ 42.7324, 50.4998,
45.3557

■ 23.7008, 41.3427,
14.9182


■ 48.9105, 53.4833,
54.7508


■ 21.9625, 40.5145,
11.7692


■ 55.9655, 56.8928,
65.3553


■ 20.7885, 39.9593,
9.4530

■ 63.9298, 60.7444,
77.2102

 20.1063, 39.6415,
7.8906

 72.8341, 65.0530,
90.3544

 19.8928, 39.5425,
7.3803

 79.0309, 67.9617,
103.5603

Harmonies

Analogous

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



37.7413, 45.7412, 21.3671



32.8655, 45.7412, 30.0184



30.8383, 45.7412, 46.4201

Triad

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



32.8655, 45.7412, 30.0184



42.2773, 45.7412, 102.1218



57.6007, 45.7412, 34.5061

Complementary

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



32.8655, 45.7412, 30.0184



39.4329, 30.5463, 51.3964

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.



59.1653, 45.7412, 53.3493



32.8655, 45.7412, 30.0184



49.7633, 45.7412, 96.2946

Square

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



32.8655, 45.7412, 30.0184



35.8668, 45.7412, 91.0181



56.1540, 45.7412, 76.7968



52.0910, 45.7412, 23.3986

Rectangle

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



32.8655, 45.7412, 30.0184



31.1873, 45.7412, 61.1335



56.1540, 45.7412, 76.7968



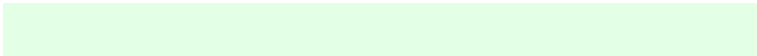
58.6300, 45.7412, 39.9693

Sweetspot

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



32.8667, 45.7431, 30.0194



81.7342, 93.5673, 88.7645



44.5837, 51.8461, 27.7365



17.1722, 19.8717, 18.5082



0.0000, 0.0000, 0.0000



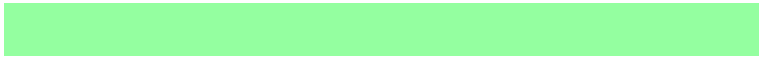
20.3446, 21.4041, 23.3091

Same Dimension

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



32.8667, 45.7431, 30.0194



54.3277, 80.3558, 46.0508



35.5989, 46.8360, 44.4068



9.9909, 11.2774, 10.9553



12.7982, 25.4133, 4.8303



0.5691, 1.1045, 0.2936

Inverse Universe

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



39.4329, 30.5463, 51.3964



67.9288, 48.8543, 90.3127



36.2385, 29.2685, 34.5749



10.4454, 10.2268, 12.4359



19.5117, 9.4944, 26.4042



0.8576, 0.4160, 1.2175

Previews

White Background



This preview shows how the XYZ color 32.8655, 45.7412, 30.0184 looks on a white background.

Color Contrast Check

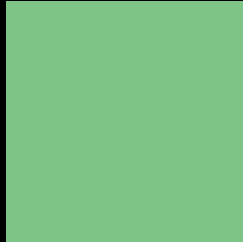
Large Text (above 18pt) WCAG AA × Fail

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 32.8655, 45.7412, 30.0184 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 32.8655, 45.7412, 30.0184

Background



This preview shows how black text looks on a background with the XYZ color 32.8655, 45.7412, 30.0184.



This preview shows how white text looks on a background with the XYZ color 32.8655, 45.7412,

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

32.8655, 45.7412, 30.0184

Protanopia

42.0087, 45.1362, 26.9201

Deuteranopia

46.0645, 45.1001, 31.0883



Tritanopia

39.2462, 45.3804, 62.5679

Trichromacy



Original Color

32.8655, 45.7412, 30.0184



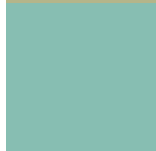
Protanomaly

37.8079, 44.7716, 28.1218



Deuteranomaly

39.9337, 44.5860, 30.5460



Tritanomaly

36.4410, 45.1922, 48.9218

Monochromacy



Original Color

32.8655, 45.7412, 30.0184



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

35.0580, 41.0134, 37.5211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8655, 45.7412, 30.0184 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(127, 196, 135)` looks like.

```
.text, #text, p{  
    color:rgb(127, 196, 135)  
}
```

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(127, 196, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 196, 135) }
```

Border

The CSS property to change the border of an element to XYZ 32.8655, 45.7412, 30.0184 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(127, 196, 135) }
```


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

```
.border{ border-color:rgb(127, 196, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 196, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 196, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 196, 135);  
box-shadow:4px 4px 4px 4px rgb(127, 196,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8655, 45.7412, 30.0184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 196, 135) }
```

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

```
.background{ background-color: rgb(127,  
196, 135) }
```

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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