

Converting Colors

XYZ(32.5703, 41.9987, 30.6997)

Have a look what the booklet for
XYZ(32.5703, 41.9987, 30.6997)
contains.

XYZ(32.6566, 42.0510, 30.8216)	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(32.6566, 42.0510,
30.8216)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB98B
RGB	139, 185, 139
RGB Percent	55%, 73%, 55%
CMY	0.4549, 0.2745, 0.4549
CMYK	0.25, 0.00, 0.25, 0.27
HSL	120°, 25%, 64%
HSV	120°, 25%, 73%
XYZ	32.6566, 42.0510, 30.8216
YIQ	166.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

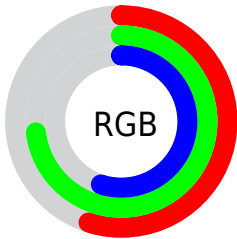
Format	Color
R _{YB}	139, 185, 185
Decimal	9157003
CIE Lab	70.91, -24.40, 18.52
CIE LCh	71, 30.629, 142.799
Yxy	42.0510, 0.3095, 0.3985
Android (android.graphics.Color)	4287347083 (0xFF8BB98B)
YUV	166.0020, -13.3120, -23.6808
Hunter-Lab	64.8467, -23.5898, 17.2122

Details

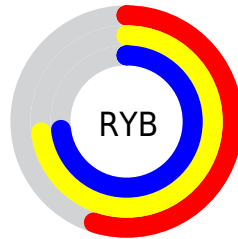
The XYZ color **32.6566, 42.0510, 30.8216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.9985, 32.2831, 50.1291**, and the grayscale version is **36.3141, 38.2052, 41.6055**.

A 20% lighter version of the original color is **63.0733, 78.0983, 62.2022**, and **14.0789, 19.2985, 12.4341** is the 20% darker color. If you saturate the color by 10%, you get **28.5858, 40.0968, 24.1622**, and if you desaturate by 10%, it is **37.4811, 44.3697, 38.7121**.

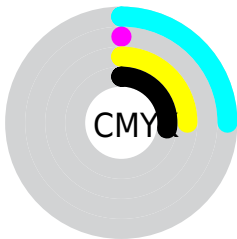
Distribution



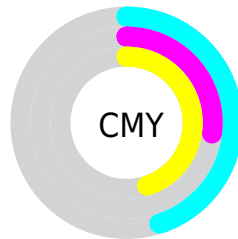
- Red (55%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (27%)



- Cyan (45%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.6566, 42.0510, 30.8216 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 32.6566, 42.0510, 30.8216 by changing the saturation by 10% instead.

■ 32.6566, 42.0510,
30.8216

■ 32.6566, 42.0510,
30.8216

305.7919,
354.6943, 320.0413

■ 22.0215, 29.1412,
20.2057

■ 63.1973, 78.2768,
62.0354

■ 13.9894, 19.1877,
12.3591

■ 83.8336, 102.3616,
83.4703

■ 8.1949, 11.8060,
6.8632

■ 108.5343,
130.9403, 109.3487

■ 4.2728, 6.6117,
3.2996

137.6648,
164.3971, 140.0891

■ 1.8576, 3.2205,
1.2496

171.5905,
203.1165, 176.1100

■ 0.5520, 1.2479,
0.0199

210.6767,

■ 0.0000, 0.1003,

247.4829, 217.8300

0.0000

255.2887,
297.8807, 265.6676

■ 0.0000, 0.0000,
0.0000

■ 32.6566, 42.0510,
30.8216

■ 32.6566, 42.0510,
30.8216

■ 28.5858, 40.0968,
24.1622

■ 37.4811, 44.3697,
38.7121

■ 25.2276, 38.4837,
18.6693

■ 43.0913, 47.0646,
47.8884

■ 22.5421, 37.1937,
14.2766

■ 49.5210, 50.1531,
58.4053

■ 20.4839, 36.2051,
10.9100

■ 56.8015, 53.6503,
70.3136

■ 19.0022, 35.4934,
8.4863

■ 64.9621, 57.5702,
83.6615

■ 18.0383, 35.0303,
6.9096

■ 74.0308, 61.9264,
98.4948

■ 17.5208, 34.7817,
6.0630

■ 76.6398, 63.1796,
102.7633

■ 17.3498, 34.6996,
5.7834

Harmonies

Analogous

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



36.2882, 42.0510, 24.4732



32.6566, 42.0510, 30.8216



31.0091, 42.0510, 42.3562

Triad

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



32.6566, 42.0510, 30.8216



38.7518, 42.0510, 79.6745



49.7047, 42.0510, 35.7452

Complementary

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



32.6566, 42.0510, 30.8216



37.9985, 32.2831, 50.1291

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.



50.5054, 42.0510, 49.3970



32.6566, 42.0510, 30.8216



43.8889, 42.0510, 76.8551

Square

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



32.6566, 42.0510, 30.8216



34.3287, 42.0510, 71.9904



48.2970, 42.0510, 64.9475



46.1938, 42.0510, 26.8653

Rectangle

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



32.6566, 42.0510, 30.8216



31.1497, 42.0510, 52.2925



48.2970, 42.0510, 64.9475



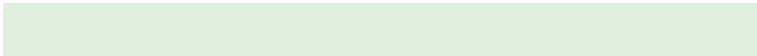
50.3113, 42.0510, 39.8436

Sweetspot

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



32.6577, 42.0528, 30.8225



74.7876, 83.1426, 81.8629



42.0186, 46.8785, 31.2602



15.9903, 17.8602, 17.4314



88.6918, 93.3107, 101.6153



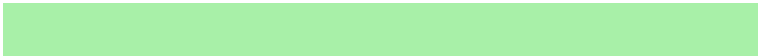
17.8044, 18.7317, 20.3988

Same Dimension

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



32.6577, 42.0528, 30.8225



54.2241, 73.2649, 48.2278



34.5192, 42.7974, 40.6249



8.8904, 10.0601, 9.5802



11.8131, 23.6262, 3.9378



0.4164, 0.8329, 0.1388

Inverse Universe

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



37.9985, 32.2831, 50.1291



65.4807, 52.6739, 88.9191



35.7631, 31.3889, 38.3573



9.3810, 9.1628, 11.3535



19.5857, 9.4081, 32.0350



0.6904, 0.3317, 1.1293

Previews

White Background



This preview shows how the XYZ color 32.6566, 42.0510, 30.8216 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 32.6566, 42.0510, 30.8216 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 32.6566, 42.0510, 30.8216

Background



This preview shows how black text looks on a background with the XYZ color 32.6566, 42.0510, 30.8216.



This preview shows how white text looks on a background with the XYZ color 32.6566, 42.0510,

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

32.6566, 42.0510, 30.8216

Protanopia

39.1848, 41.8949, 28.2116

Deuteranopia

42.4136, 41.5350, 31.7682



Tritanopia

37.6476, 41.9425, 55.9806

Trichromacy



Original Color

32.6566, 42.0510, 30.8216

Protanomaly

36.2438, 41.5184, 29.0253

Deuteranomaly

38.1862, 41.3051, 31.5512

Tritanomaly

35.7438, 42.0846, 45.7744

Monochromacy



Original Color

32.6566, 42.0510, 30.8216

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.6546, 39.3554, 37.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6566, 42.0510, 30.8216 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(139, 185, 139)` looks like.

```
.text, #text, p{  
    color:rgb(139, 185, 139)  
}
```

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(139, 185, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 185, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.6566, 42.0510, 30.8216 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(139, 185, 139) }
```


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

```
.border{ border-color:rgb(139, 185, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 185, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 185, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 185, 139);  
box-shadow:4px 4px 4px 4px rgb(139, 185,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6566, 42.0510, 30.8216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 185, 139) }
```

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

```
.background{ background-color: rgb(139,  
185, 139) }
```

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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