

Converting Colors

XYZ(32.6507, 42.3208, 38.4380)

Have a look what the booklet for
XYZ(32.6507, 42.3208, 38.4380)
contains.

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Color

**XYZ(32.5468, 42.1413,
38.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	80BA9D
RGB	128, 186, 157
RGB Percent	50%, 73%, 62%
CMY	0.4980, 0.2706, 0.3843
CMYK	0.31, 0.00, 0.16, 0.27
HSL	150°, 30%, 62%
HSV	150°, 31%, 73%
XYZ	32.5468, 42.1413, 38.3170
YIQ	165.3520, -25.2590, -21.3150

Conversions

Conversions Part 2

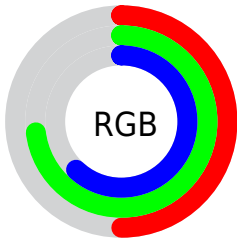
Format	Color
R _{YB}	128, 167, 186
Decimal	8436381
CIE Lab	70.97, -25.06, 8.74
CIE LCh	71, 26.539, 160.765
Yxy	42.1413, 0.2880, 0.3729
Android (android.graphics.Color)	4286626461 (0xFF80BA9D)
YUV	165.3520, -4.1175, -32.7577
Hunter-Lab	64.9163, -24.1099, 10.4454

Details

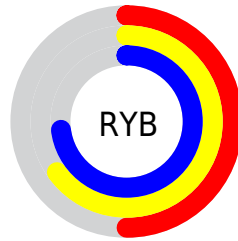
The XYZ color **32.5468, 42.1413, 38.3170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0561, 28.3128, 35.5700**, and the grayscale version is **35.9620, 37.8348, 41.2021**.

A 20% lighter version of the original color is **62.9272, 78.2028, 74.0654**, and **13.9695, 19.3522, 16.6347** is the 20% darker color. If you saturate the color by 10%, you get **29.2375, 40.5247, 34.1741**, and if you desaturate by 10%, it is **36.4317, 44.0499, 42.8042**.

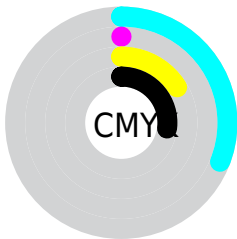
Distribution



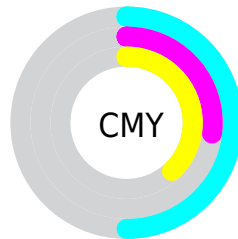
- Red (50%)
- Green (73%)
- Blue (62%)



- Red (50%)
- Yellow (65%)
- Blue (73%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)





- Cyan (50%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.5468, 42.1413, 38.3170 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 32.5468, 42.1413, 38.3170 by changing the saturation by 10% instead.


 32.5468, 42.1413,
38.3170


 32.5468, 42.1413,
38.3170


305.3038,
355.0683, 354.3167

 21.9371, 29.2119,
25.9251

 63.0267, 78.4134,
73.8026

 13.9270, 19.2412,
16.5423


 83.6277, 102.5250,
97.7333

 8.1513, 11.8447,
9.7502

 108.2897,
131.1328, 126.3473

 4.2445, 6.6380,
5.1302

137.3782,
164.6211, 160.0633

 1.8414, 3.2368,
2.2638

171.2585,
203.3745, 199.2997

 0.5424, 1.2566,
0.7108

210.2960,

 0.0000, 0.1072,

247.7772, 244.4750

0.0000

254.8560,
298.2137, 296.0078

■ 0.0000, 0.0000,
0.0000

■ 32.5468, 42.1413,
38.3170

■ 32.5468, 42.1413,
38.3170

■ 29.2375, 40.5247,
34.1741

■ 36.4317, 44.0499,
42.8042

■ 26.4710, 39.1800,
30.3644

■ 40.9161, 46.2593,
47.6409

■ 24.2162, 38.0924,
26.8800


■ 46.0264, 48.7840,
52.8358


■ 22.4376, 37.2438,
23.7117


■ 51.7866, 51.6364,
58.3964


■ 21.0945, 36.6133,
20.8499


■ 58.2193, 54.8279,
64.3299


 20.1389, 36.1765,
18.2843

 65.3460, 58.3695,
70.6433

 19.5354, 35.9096,
16.2571

 71.9986, 61.6589,
77.2879

 73.2809, 62.1718,
84.0403

 74.6330, 62.7127,
91.1605

Harmonies

Analogous

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



34.7521, 42.1413, 29.7948



32.5468, 42.1413, 38.3170



32.2644, 42.1413, 50.5873

Triad

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



32.5468, 42.1413, 38.3170



41.6640, 42.1413, 74.2227



46.8490, 42.1413, 31.7440

Complementary

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



32.5468, 42.1413, 38.3170



34.0561, 28.3128, 35.5700

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.



49.0062, 42.1413, 41.4830



32.5468, 42.1413, 38.3170



45.8695, 42.1413, 66.9220

Square

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



32.5468, 42.1413, 38.3170



37.3162, 42.1413, 72.9466



48.6351, 42.1413, 54.3885



42.9226, 42.1413, 26.5112

Rectangle

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



32.5468, 42.1413, 38.3170



33.1798, 42.1413, 59.5094



48.6351, 42.1413, 54.3885



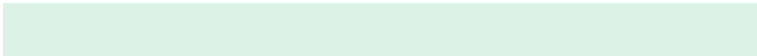
47.8177, 42.1413, 34.5166

Sweetspot

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



32.5480, 42.1430, 38.3179



75.9505, 84.7280, 88.2106



35.5506, 43.9439, 27.0310



16.4406, 18.5179, 19.1296



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.5480, 42.1430, 38.3179



55.0190, 74.4394, 64.5517



35.2229, 43.2130, 52.4039



9.0726, 10.1330, 10.5395



13.1801, 24.1730, 11.1361



0.4959, 0.8647, 0.5571

Inverse Universe

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



34.0561, 28.3128, 35.5700



58.1606, 45.6302, 58.8274



31.9303, 27.4625, 24.3758



9.1868, 9.0851, 10.3313



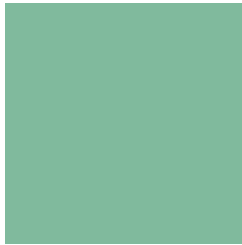
14.9906, 7.5700, 7.8371



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 32.5468, 42.1413, 38.3170 looks on a white background.

Color Contrast Check

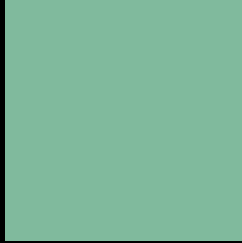
Large Text (above 18pt) WCAG AA × Fail

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 32.5468, 42.1413, 38.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

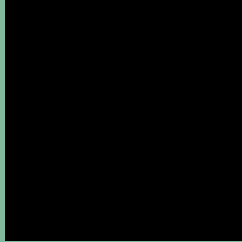
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.5468, 42.1413, 38.3170

Background



This preview shows how black text looks on a background with the XYZ color 32.5468, 42.1413, 38.3170.



This preview shows how white text looks on a background with the XYZ color 32.5468, 42.1413,

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

32.5468, 42.1413, 38.3170

Protanopia

39.5046, 41.9129, 34.8620

Deuteranopia

42.4999, 41.6800, 39.5233



Tritanopia

36.5275, 42.2221, 57.8542

Trichromacy



Original Color

32.5468, 42.1413, 38.3170

Protanomaly

36.5705, 41.8221, 36.2820

Deuteranomaly

38.0588, 41.3562, 39.2343

Tritanomaly

34.9468, 42.1897, 50.0176

Monochromacy



Original Color

32.5468, 42.1413, 38.3170

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

34.4141, 39.1712, 39.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5468, 42.1413, 38.3170 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(128, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 157)  
}
```

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(128, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.5468, 42.1413, 38.3170 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(128, 186, 157) }
```


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

```
.border{ border-color:rgb(128, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(128, 186,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5468, 42.1413, 38.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 157) }
```

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

```
.background{ background-color: rgb(128,  
186, 157) }
```

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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