

Converting Colors

XYZ(42.1865, 48.7545, 54.8816)

Have a look what the booklet for
XYZ(42.1865, 48.7545, 54.8816)
contains.

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Color

**XYZ(42.0273, 48.5992,
54.7425)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC0BC
RGB	158, 192, 188
RGB Percent	62%, 75%, 74%
CMY	0.3804, 0.2470, 0.2627
CMYK	0.18, 0.00, 0.02, 0.25
HSL	173°, 21%, 69%
HSV	173°, 18%, 75%
XYZ	42.0273, 48.5992, 54.7425
YIQ	181.3780, -18.9800, -8.4520

Conversions

Conversions Part 2

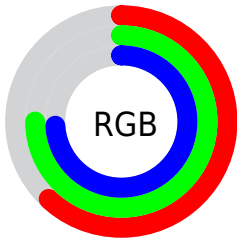
Format	Color
RYB	158, 176, 192
Decimal	10404028
CIELab	75.20, -12.19, -1.79
CIELCh	75, 12.319, 188.348
Yxy	48.5992, 0.2891, 0.3343
Android (android.graphics.Color)	4288594108 (0xFF9EC0BC)
YUV	181.3780, 3.2646, -20.5025
Hunter-Lab	69.7131, -14.3873, 2.2415

Details

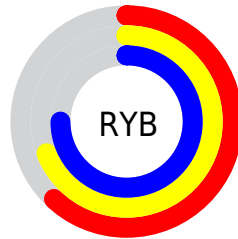
The XYZ color **42.0273, 48.5992, 54.7425** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4884, 38.2702, 39.4374**, and the grayscale version is **44.1169, 46.4144, 50.5453**.

A 20% lighter version of the original color is **77.3371, 87.8126, 98.4614**, and **19.4055, 22.9904, 26.3365** is the 20% darker color. If you saturate the color by 10%, you get **38.3003, 46.7071, 53.3070**, and if you desaturate by 10%, it is **46.3510, 50.8011, 56.2279**.

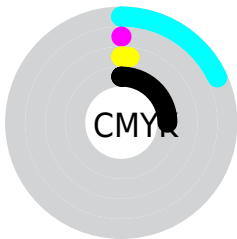
Distribution



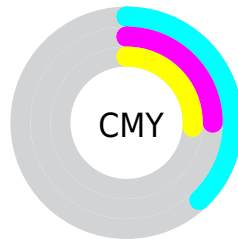
- Red (62%)
- Green (75%)
- Blue (74%)



- Red (62%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (25%)





- Cyan (38%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0273, 48.5992, 54.7425 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 42.0273, 48.5992, 54.7425 by changing the saturation by 10% instead.


 42.0273, 48.5992,
54.7425


 42.0273, 48.5992,
54.7425


345.5858,
381.1623, 422.1895

 29.3139, 34.3016,
38.7984


 77.5058, 88.0959,
98.6309

 19.4639, 23.1254,
26.2963


 101.0017,
114.0638, 127.4123

 12.1119, 14.6862,
16.8177


128.8223,
144.6906, 161.3099

 6.8927, 8.5994,
9.9440

161.3332,
180.3608, 200.7422

 3.4408, 4.4808,
5.2567

198.8996,
221.4586, 246.1278

 1.3909, 1.9460,
2.3373

241.8870,

 0.2498, 0.5758,

268.3686, 297.8852

0.7520

290.6606,
321.4750, 356.4329

■ 0.0000, 0.0000,
0.0000

■ 42.0273, 48.5992,
54.7425

■ 42.0273, 48.5992,
54.7425

■ 38.3003, 46.7071,
53.3070

■ 46.3510, 50.8011,
56.2279

■ 35.1384, 45.1046,
51.9168

■ 51.2927, 53.3198,
57.7611

■ 32.5137, 43.7785,
50.5715

■ 56.8780, 56.1698,
59.3446

■ 30.3938, 42.7123,
49.2694

■ 63.1295, 59.3629,
60.9795

■ 28.7431, 41.8875,
48.0089

■ 70.0689, 62.9102,
62.6668

■ 27.5214, 41.2835,
46.7879

■ 70.6994, 63.2046,
64.0793

■ 26.6815, 40.8758,
45.6042

■ 70.9683, 63.3121,
65.4952

■ 26.1537, 40.6287,
44.4543

■ 71.2411, 63.4213,
66.9319

■ 26.0498, 40.5807,
44.1944

■ 71.5179, 63.5320,
68.3894

Harmonies

Analogous

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



42.2723, 48.5992, 48.4587



42.0273, 48.5992, 54.7425



42.8693, 48.5992, 61.0137

Triad

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



42.0273, 48.5992, 54.7425



48.9391, 48.5992, 63.2816



47.8130, 48.5992, 42.1781

Complementary

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



42.0273, 48.5992, 54.7425



40.4884, 38.2702, 39.4374

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.



49.6822, 48.5992, 45.5689



42.0273, 48.5992, 54.7425



50.3470, 48.5992, 57.6391

Square

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



42.0273, 48.5992, 54.7425



46.8254, 48.5992, 66.1999



50.6233, 48.5992, 51.1311



45.5645, 48.5992, 41.5402

Rectangle

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



42.0273, 48.5992, 54.7425



43.9505, 48.5992, 64.2250



50.6233, 48.5992, 51.1311



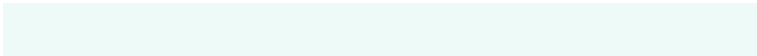
48.5086, 48.5992, 43.0197

Sweetspot

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



42.0287, 48.6012, 54.7436



86.2249, 93.1874, 102.5989



40.0316, 47.9073, 39.4858



18.3668, 19.9249, 21.9690



92.9021, 97.7402, 106.4391



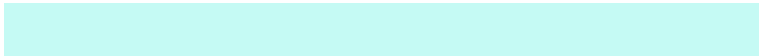
19.4759, 20.4902, 22.3138

Same Dimension

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



42.0287, 48.6012, 54.7436



73.5779, 86.7511, 98.2339



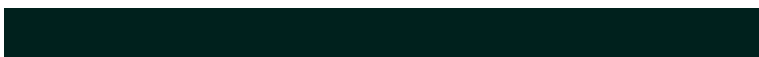
39.8436, 43.5309, 56.1738



10.3158, 11.4074, 12.6665



17.5467, 27.3127, 29.8357



0.7729, 1.1860, 1.3667

Inverse Universe

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



40.4884, 38.2702, 39.4374



70.3015, 64.7699, 65.6711



42.3738, 42.6014, 38.3382



10.1204, 10.0967, 10.7243



14.7443, 7.5875, 1.2995



0.6534, 0.3344, 0.1422

Previews

White Background



This preview shows how the XYZ color 42.0273, 48.5992, 54.7425 looks on a white background.

Color Contrast Check

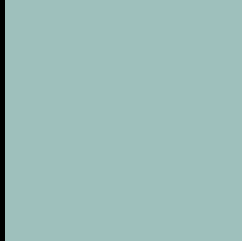
Large Text (above 18pt) WCAG AA × Fail

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 42.0273, 48.5992, 54.7425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

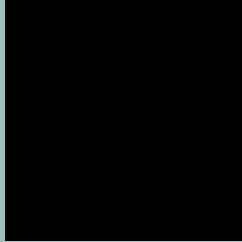
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

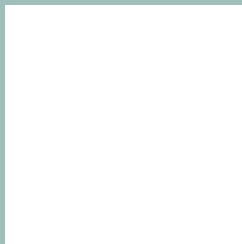
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.0273, 48.5992, 54.7425

Background



This preview shows how black text looks on a background with the XYZ color 42.0273, 48.5992, 54.7425.



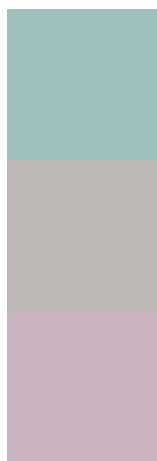
This preview shows how white text looks on a background with the XYZ color 42.0273, 48.5992,

54.7425.

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

42.0273, 48.5992, 54.7425

Protanopia

46.4268, 48.3912, 51.6932

Deuteranopia

49.3435, 48.2811, 56.0087



Tritanopia

43.9150, 48.3800, 64.7813

Trichromacy



Original Color

42.0273, 48.5992, 54.7425

Protanomaly

44.6587, 48.3905, 52.8855

Deuteranomaly

46.4423, 48.3130, 55.5928

Tritanomaly

43.2195, 48.4240, 61.1017

Monochromacy



Original Color

42.0273, 48.5992, 54.7425

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

43.2343, 47.0429, 52.1489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0273, 48.5992, 54.7425 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(158, 192, 188)` looks like.

```
.text, #text, p{  
    color:rgb(158, 192, 188)  
}
```

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(158, 192, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 192, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.0273, 48.5992, 54.7425 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(158, 192, 188) }
```


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

```
.border{ border-color:rgb(158, 192, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 192, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 192, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 192, 188);  
box-shadow:4px 4px 4px 4px rgb(158, 192,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0273, 48.5992, 54.7425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 192, 188) }
```

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

```
.background{ background-color: rgb(158,  
192, 188) }
```

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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