

Converting Colors

XYZ(41.2526, 47.2689, 52.8485)

Have a look what the booklet for
XYZ(41.2526, 47.2689, 52.8485)
contains.

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Color

**XYZ(41.2526, 47.2689,
52.8485)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBDB9
RGB	159, 189, 185
RGB Percent	62%, 74%, 73%
CMY	0.3765, 0.2588, 0.2745
CMYK	0.16, 0.00, 0.02, 0.26
HSL	172°, 19%, 68%
HSV	172°, 16%, 74%
XYZ	41.2526, 47.2689, 52.8485
YIQ	179.5740, -16.5960, -7.6040

Conversions

Conversions Part 2

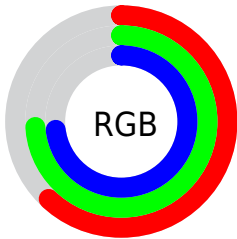
Format	Color
RYB	159, 175, 189
Decimal	10468793
CIELab	74.36, -10.92, -1.38
CIELCh	74, 11.010, 187.205
Yxy	47.2689, 0.2918, 0.3344
Android (android.graphics.Color)	4288658873 (0xFF9FBDB9)
YUV	179.5740, 2.6750, -18.0434
Hunter-Lab	68.7524, -13.2136, 2.5517

Details

The XYZ color **41.2526, 47.2689, 52.8485** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9969, 38.2606, 39.9293**, and the grayscale version is **43.1477, 45.3948, 49.4349**.

A 20% lighter version of the original color is **76.2611, 85.9518, 95.7901**, and **19.0324, 22.4001, 25.1503** is the 20% darker color. If you saturate the color by 10%, you get **37.5239, 45.3785, 51.2976**, and if you desaturate by 10%, it is **45.5618, 49.4606, 54.4532**.

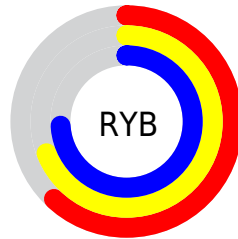
Distribution



Red (62%)

Green (74%)

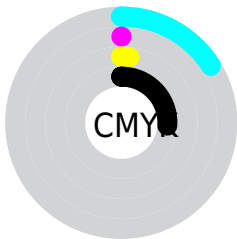
Blue (73%)



Red (62%)

Yellow (69%)

Blue (74%)

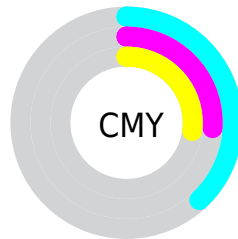


Cyan (16%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (38%)

Magenta (26%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.2526, 47.2689, 52.8485 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 41.2526, 47.2689, 52.8485 by changing the saturation by 10% instead.

■ 41.2526, 47.2689,
52.8485

■ 41.2526, 47.2689,
52.8485

342.4198,
375.8868, 414.7534

■ 28.7051, 33.2483,
37.2949

■ 76.3395, 86.1149,
95.8207

■ 19.0010, 22.3167,
25.1384

■ 99.6095, 111.7090,
124.0764

■ 11.7750, 14.0898,
15.9602

127.1845,
141.9298, 157.4032

■ 6.6618, 8.1831,
9.3420

159.4297,
177.1616, 196.2198

■ 3.2959, 4.2124,
4.8650

196.7104,
217.7888, 240.9445

■ 1.3121, 1.7931,
2.1109

239.3921,

■ 0.1923, 0.4828,

264.1958, 291.9960

0.6223

287.8401,
316.7670, 349.7928

■ 0.0000, 0.0000,
0.0000

■ 41.2526, 47.2689,
52.8485

■ 41.2526, 47.2689,
52.8485

■ 37.5239, 45.3785,
51.2976

■ 45.5618, 49.4606,
54.4532

■ 34.3458, 43.7700,
49.7960

■ 50.4718, 51.9602,
56.1099

■ 31.6915, 42.4311,
48.3432

■ 56.0069, 54.7815,
57.8206

■ 29.5307, 41.3460,
46.9379

■ 62.1888, 57.9357,
59.5867

■ 27.8297, 40.4975,
45.5782

■ 69.0381, 61.4334,
61.4091

■ 26.5508, 39.8660,
44.2623

■ 69.8791, 61.8332,
62.9757

■ 25.6500, 39.4289,
42.9879

■ 70.1765, 61.9522,
64.5421

■ 25.0720, 39.1576,
41.7525

■ 70.4789, 62.0731,
66.1343

■ 24.8802, 39.0696,
41.2518

■ 70.7862, 62.1960,
67.7524

Harmonies

Analogous

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



41.5058, 47.2689, 47.3547



41.2526, 47.2689, 52.8485



41.9608, 47.2689, 58.3519

Triad

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



41.2526, 47.2689, 52.8485



47.2712, 47.2689, 60.6574



46.4201, 47.2689, 42.0492

Complementary

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



41.2526, 47.2689, 52.8485



39.9969, 38.2606, 39.9293

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.



48.0312, 47.2689, 45.1476



41.2526, 47.2689, 52.8485



48.5326, 47.2689, 55.8124

Square

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



41.2526, 47.2689, 52.8485



45.4072, 47.2689, 63.0705



48.8148, 47.2689, 50.1114



44.4515, 47.2689, 41.3832

Rectangle

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



41.2526, 47.2689, 52.8485



42.8954, 47.2689, 61.1963



48.8148, 47.2689, 50.1114



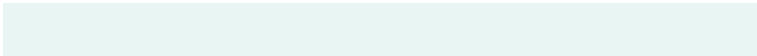
47.0232, 47.2689, 42.8291

Sweetspot

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



41.2540, 47.2709, 52.8496



82.2556, 88.9147, 97.7532



39.6639, 46.7398, 39.7328



17.5634, 19.0569, 20.9772



90.7827, 95.5105, 104.0109



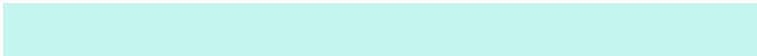
18.6292, 19.5994, 21.3438

Same Dimension

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



41.2540, 47.2709, 52.8496



71.4768, 83.4369, 93.6855



39.5048, 43.0868, 54.3809



9.7523, 10.7870, 11.9452



16.7598, 26.2942, 27.8617



0.6719, 1.0361, 1.1725

Inverse Universe

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



39.9969, 38.2606, 39.9293



68.8048, 64.2798, 66.2183



41.5270, 41.8858, 38.6977



9.5806, 9.5565, 10.1805



14.2564, 7.3337, 1.3781



0.5755, 0.2941, 0.1437

Previews

White Background



This preview shows how the XYZ color 41.2526, 47.2689, 52.8485 looks on a white background.

Color Contrast Check

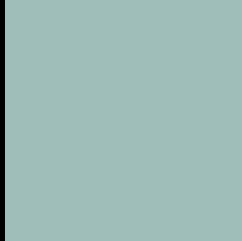
Large Text (above 18pt) WCAG AA × Fail

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 41.2526, 47.2689, 52.8485 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

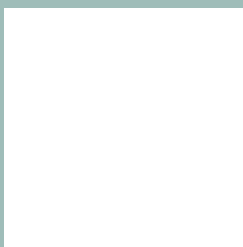
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.2526, 47.2689, 52.8485

Background



This preview shows how black text looks on a background with the XYZ color 41.2526, 47.2689, 52.8485.

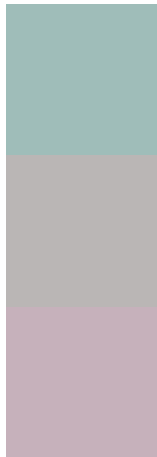


This preview shows how white text looks on a background with the XYZ color 41.2526, 47.2689,

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

41.2526, 47.2689, 52.8485

Protanopia

45.3181, 47.2312, 50.4441

Deuteranopia

47.9805, 47.0379, 53.5641



Tritanopia

43.2132, 47.4391, 62.1374

Trichromacy



Original Color

41.2526, 47.2689, 52.8485

Protanomaly

43.6970, 47.3054, 51.0838

Deuteranomaly

45.1540, 46.7833, 53.1046

Tritanomaly

42.5315, 47.4836, 58.5534

Monochromacy



Original Color

41.2526, 47.2689, 52.8485

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.3902, 46.0150, 50.9036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.2526, 47.2689, 52.8485 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(159, 189, 185)` looks like.

```
.text, #text, p{  
    color:rgb(159, 189, 185)  
}
```

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(159, 189, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 189, 185) }
```

Border

The CSS property to change the border of an element to XYZ 41.2526, 47.2689, 52.8485 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(159, 189, 185) }
```


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

```
.border{ border-color:rgb(159, 189, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 189, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 189, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 189, 185);  
box-shadow:4px 4px 4px 4px rgb(159, 189,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 41.2526, 47.2689, 52.8485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 189, 185) }
```

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

```
.background{ background-color: rgb(159,  
189, 185) }
```

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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