

Converting Colors

XYZ(41.0091, 47.7446, 52.2945)

Have a look what the booklet for
XYZ(41.0091, 47.7446, 52.2945)
contains.

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Color

**XYZ(40.9928, 47.7902,
52.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBFB8
RGB	156, 191, 184
RGB Percent	61%, 75%, 72%
CMY	0.3882, 0.2510, 0.2784
CMYK	0.18, 0.00, 0.04, 0.25
HSL	168°, 21%, 68%
HSV	168°, 18%, 75%
XYZ	40.9928, 47.7902, 52.4113
YIQ	179.7370, -18.6130, -9.5970

Conversions

Conversions Part 2

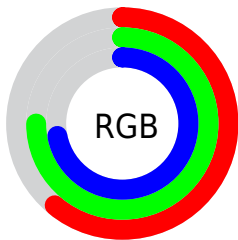
Format	Color
RYB	156, 175, 191
Decimal	10272696
CIELab	74.69, -13.15, -0.38
CIElCh	75, 13.152, 181.637
Yxy	47.7902, 0.2903, 0.3385
Android (android.graphics.Color)	4288462776 (0xFF9CBFB8)
YUV	179.7370, 2.1017, -20.8173
Hunter-Lab	69.1305, -15.1318, 3.4406

Details

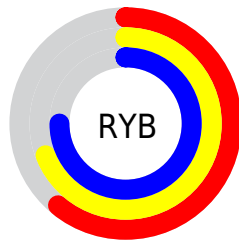
The XYZ color **40.9928, 47.7902, 52.4113** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.9868, 37.4988, 39.7828**, and the grayscale version is **43.2387, 45.4905, 49.5392**.

A 20% lighter version of the original color is **75.8529, 86.6617, 95.1676**, and **18.8941, 22.7587, 24.8698** is the 20% darker color. If you saturate the color by 10%, you get **37.1886, 45.8760, 50.1712**, and if you desaturate by 10%, it is **45.3918, 50.0123, 54.7377**.

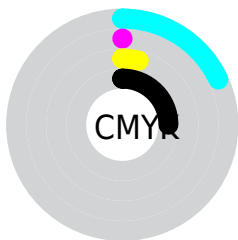
Distribution



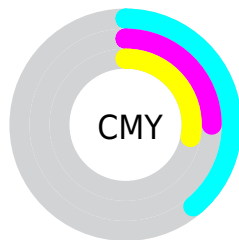
- Red (61%)
- Green (75%)
- Blue (72%)



- Red (61%)
- Yellow (69%)
- Blue (75%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (39%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9928, 47.7902, 52.4113 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 40.9928, 47.7902, 52.4113 by changing the saturation by 10% instead.

■ 40.9928, 47.7902,
52.4113

■ 40.9928, 47.7902,
52.4113

341.3536,
377.9599, 413.0245

■ 28.5011, 33.6608,
36.9485

■ 75.9477, 86.8920,
95.1703

■ 18.8461, 22.6331,
24.8722

■ 99.1417, 112.6331,
123.3036

■ 11.6625, 14.3228,
15.7637

126.6338,
143.0135, 156.4974

■ 6.5849, 8.3455,
9.2045

158.7894,
178.4177, 195.1704

■ 3.2479, 4.3168,
4.7762

195.9738,
219.2301, 239.7411

■ 1.2862, 1.8523,
2.0601

238.5524,

■ 0.1728, 0.5195,

265.8350, 290.6280

0.5919

286.8905,
318.6168, 348.2496

■ 0.0000, 0.0000,
0.0000

■ 40.9928, 47.7902,
52.4113

■ 40.9928, 47.7902,
52.4113

■ 37.1886, 45.8760,
50.1712

■ 45.3918, 50.0123,
54.7377

■ 33.9479, 44.2498,
48.0126

■ 50.4068, 52.5495,
57.1489

■ 31.2427, 42.8984,
45.9346

■ 56.0632, 55.4160,
59.6474

■ 29.0411, 41.8054,
43.9354

■ 62.3835, 58.6235,
62.2348

■ 27.3075, 40.9524,
42.0127

■ 69.3893, 62.1832,
64.9125

■ 26.0017, 40.3188,
40.1643

■ 71.1255, 63.0249,
67.4021

■ 25.0766, 39.8803,
38.3876

■ 71.5982, 63.2140,
69.8917

■ 24.4572, 39.5982,
36.6784

■ 72.0824, 63.4076,
72.4413

■ 24.3643, 39.5564,
36.3979

■ 72.5780, 63.6059,
75.0512

Harmonies

Analogous

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



41.5072, 47.7902, 46.0438



40.9928, 47.7902, 52.4113



41.6306, 47.7902, 59.2308

Triad

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



40.9928, 47.7902, 52.4113



47.8706, 47.7902, 64.0338



47.6361, 47.7902, 41.3157

Complementary

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



40.9928, 47.7902, 52.4113



39.9868, 37.4988, 39.7828

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.



49.4393, 47.7902, 45.4477



40.9928, 47.7902, 52.4113



49.5780, 47.7902, 58.5255

Square

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



40.9928, 47.7902, 52.4113



45.5542, 47.7902, 66.2944



50.1617, 47.7902, 51.6613



45.2923, 47.7902, 39.9833

Rectangle

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



40.9928, 47.7902, 52.4113



42.6367, 47.7902, 63.0244



50.1617, 47.7902, 51.6613



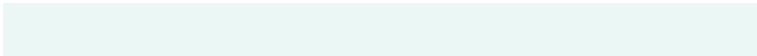
48.3284, 47.7902, 42.4043

Sweetspot

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



40.9942, 47.7922, 52.4124



84.0855, 90.9800, 99.4159



39.8570, 47.5122, 38.5233



18.3278, 19.9093, 21.7639



92.9021, 97.7402, 106.4391



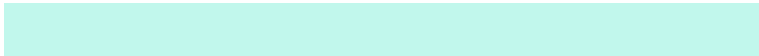
19.4759, 20.4902, 22.3138

Same Dimension

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



40.9942, 47.7922, 52.4124



70.5509, 84.1476, 92.2340



39.6565, 43.9128, 55.6784



9.7245, 10.7759, 11.7990



16.0403, 26.0064, 24.0725



0.6495, 1.0272, 1.0545

Inverse Universe

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



39.9868, 37.4988, 39.7828



68.4139, 62.2991, 65.4325



41.1092, 40.7202, 37.1463



9.6061, 9.5667, 10.3149



14.3759, 7.3815, 2.0073



0.5866, 0.2985, 0.2025

Previews

White Background



This preview shows how the XYZ color 40.9928, 47.7902, 52.4113 looks on a white background.

Color Contrast Check

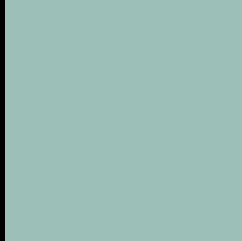
Large Text (above 18pt) WCAG AA × Fail

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 40.9928, 47.7902, 52.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

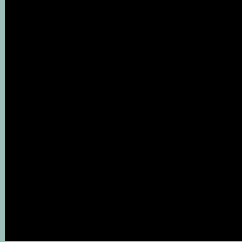
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

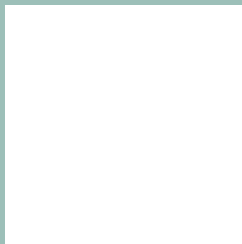
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.9928, 47.7902, 52.4113

Background



This preview shows how black text looks on a background with the XYZ color 40.9928, 47.7902, 52.4113.



This preview shows how white text looks on a background with the XYZ color 40.9928, 47.7902,

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

40.9928, 47.7902, 52.4113

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

48.4432, 47.5708, 53.6426



Tritanopia

43.2599, 47.7518, 63.4369

Trichromacy



Original Color

40.9928, 47.7902, 52.4113

Protanomaly

43.8039, 47.6841, 50.6113

Deuteranomaly

45.3249, 47.4794, 53.2299

Tritanomaly

42.4595, 47.7516, 59.2037

Monochromacy



Original Color

40.9928, 47.7902, 52.4113

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.2756, 46.2751, 50.4199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9928, 47.7902, 52.4113 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(156, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 184)  
}
```

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(156, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 184) }
```

Border

The CSS property to change the border of an element to XYZ 40.9928, 47.7902, 52.4113 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(156, 191, 184) }
```


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

```
.border{ border-color:rgb(156, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 191, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 191, 184); box-shadow:4px 4px 4px 4px rgb(156, 191, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9928, 47.7902, 52.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 184) }
```

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

```
.background{ background-color: rgb(156,  
191, 184) }
```

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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