

Converting Colors

XYZ(40.4004, 52.5571, 45.1543)

Have a look what the booklet for
XYZ(40.4004, 52.5571, 45.1543)
contains.

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Color

**XYZ(40.2269, 52.3294,
45.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	8FCDA8
RGB	143, 205, 168
RGB Percent	56%, 80%, 66%
CMY	0.4392, 0.1961, 0.3412
CMYK	0.30, 0.00, 0.18, 0.20
HSL	144°, 38%, 68%
HSV	144°, 30%, 80%
XYZ	40.2269, 52.3294, 45.0262
YIQ	182.2440, -25.0750, -24.6510

Conversions

Conversions Part 2

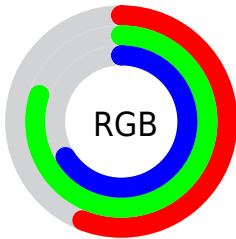
Format	Color
RYB	143, 187, 205
Decimal	9424296
CIELab	77.48, -27.52, 12.16
CIELCh	77, 30.087, 156.153
Yxy	52.3294, 0.2924, 0.3803
Android (android.graphics.Color)	4287614376 (0xFF8FCDA8)
YUV	182.2440, -7.0223, -34.4170
Hunter-Lab	72.3391, -27.3316, 13.7333

Details

The XYZ color **40.2269, 52.3294, 45.0262** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **43.2393, 35.9206, 47.8366**, and the grayscale version is **44.6444, 46.9694, 51.1496**.

A 20% lighter version of the original color is **72.3680, 88.8535, 83.1483**, and **18.2752, 25.2473, 20.4330** is the 20% darker color. If you saturate the color by 10%, you get **35.9106, 50.2313, 39.1522**, and if you desaturate by 10%, it is **45.3019, 54.8091, 51.4978**.

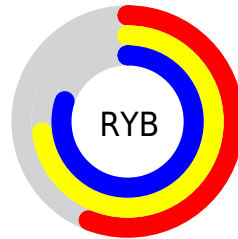
Distribution



Red (56%)

Green (80%)

Blue (66%)



Red (56%)

Yellow (73%)

Blue (80%)

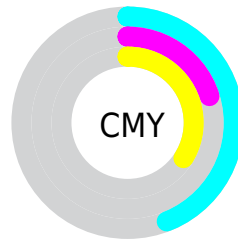


Cyan (30%)

Magenta (0%)

Yellow (18%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2269, 52.3294, 45.0262 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 40.2269, 52.3294, 45.0262 by changing the saturation by 10% instead.

■ 40.2269, 52.3294,
45.0262

■ 40.2269, 52.3294,
45.0262

338.1970,
395.7070, 383.0429

■ 27.9005, 37.2677,
31.1350

■ 74.7910, 93.6169,
84.0786

■ 18.3907, 25.4148,
20.4423

■ 97.7595, 120.6114,
110.0768

■ 11.3323, 16.3864,
12.5297

125.0060,
152.3523, 140.9478

■ 6.3597, 9.7980,
6.9786

156.8960,
189.2241, 177.1101

■ 3.1077, 5.2652,
3.3705

193.7947,
231.6110, 218.9822

■ 1.2110, 2.4037,
1.2868

236.0675,

■ 0.1150, 0.8278,

279.8976, 266.9827

0.0509

284.0799,
334.4681, 321.5300

■ 0.0000, 0.0000,
0.0000

■ 40.2269, 52.3294,
45.0262

■ 40.2269, 52.3294,
45.0262

■ 35.9106, 50.2313,
39.1522

■ 45.3019, 54.8091,
51.4978

■ 32.3103, 48.4888,
33.8551

■ 51.1667, 57.6819,
58.5799

■ 29.3857, 47.0829,
29.1181


■ 57.8561, 60.9667,
66.2895


■ 27.0904, 45.9901,
24.9221


■ 65.4012, 64.6793,
74.6417


■ 25.3718, 45.1837,
21.2471


■ 73.8316, 68.8346,
83.6511

 24.1680, 44.6322,
18.0713

 79.0105, 71.2999,
93.1371

 23.3805, 44.2838,
15.4303

 80.9045, 72.0574,
103.1106

 81.1223, 72.1446,
104.2574

Harmonies

Analogous

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



43.4497, 52.3294, 34.9011



40.2269, 52.3294, 45.0262



39.4618, 52.3294, 60.4671

Triad

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



40.2269, 52.3294, 45.0262



50.9414, 52.3294, 94.9565



59.2873, 52.3294, 40.1498

Complementary

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



40.2269, 52.3294, 45.0262



43.2393, 35.9206, 47.8366

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.



61.6581, 52.3294, 53.6254



40.2269, 52.3294, 45.0262



56.6045, 52.3294, 86.8218

Square

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



40.2269, 52.3294, 45.0262



45.3676, 52.3294, 91.4303



60.6402, 52.3294, 70.8768



54.3795, 52.3294, 32.4918

Rectangle

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



40.2269, 52.3294, 45.0262



40.3917, 52.3294, 72.2319



60.6402, 52.3294, 70.8768



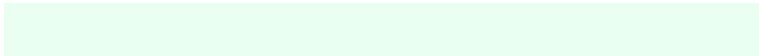
60.4241, 52.3294, 44.0384

Sweetspot

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



40.2283, 52.3316, 45.0274



84.9775, 95.0532, 97.3254



45.6601, 55.3755, 34.2693



17.8630, 20.1856, 20.4485



0.0000, 0.0000, 0.0000



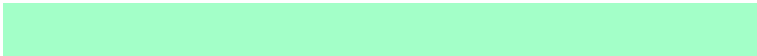
20.3446, 21.4041, 23.3091

Same Dimension

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



40.2283, 52.3316, 45.0274



61.3557, 83.5078, 67.6601



43.4463, 53.6188, 61.9731



11.2524, 12.6107, 12.8863



14.5989, 27.5849, 9.8388



0.7904, 1.4380, 0.7038

Inverse Universe

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



43.2393, 35.9206, 47.8366



67.0257, 52.5867, 72.9372



40.4416, 34.8015, 33.1043



11.4886, 11.3242, 13.1077



17.9217, 8.9793, 12.5724



0.9615, 0.4780, 0.8431

Previews

White Background



This preview shows how the XYZ color 40.2269, 52.3294, 45.0262 looks on a white background.

Color Contrast Check

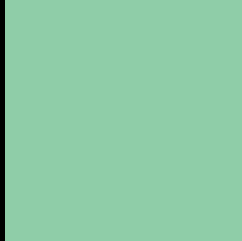
Large Text (above 18pt) WCAG AA × Fail

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 40.2269, 52.3294, 45.0262 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 40.2269, 52.3294, 45.0262

Background



This preview shows how black text looks on a background with the XYZ color 40.2269, 52.3294, 45.0262.



This preview shows how white text looks on a background with the XYZ color 40.2269, 52.3294,

45.0262.

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

40.2269, 52.3294, 45.0262

Protanopia

48.9339, 51.8176, 41.1409

Deuteranopia

52.9058, 51.8585, 46.2510



Tritanopia

45.5099, 52.3773, 71.3295

Trichromacy



Original Color

40.2269, 52.3294, 45.0262

Protanomaly

45.0383, 51.4138, 42.6721

Deuteranomaly

47.1866, 51.4584, 45.9735

Tritanomaly

43.3591, 52.1941, 60.6125

Monochromacy



Original Color

40.2269, 52.3294, 45.0262

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.4977, 48.3261, 48.6830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2269, 52.3294, 45.0262 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(143, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(143, 205, 168)  
}
```

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(143, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 205, 168) }
```

Border

The CSS property to change the border of an element to XYZ 40.2269, 52.3294, 45.0262 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(143, 205, 168) }
```


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

```
.border{ border-color:rgb(143, 205, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 205, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(143, 205, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(143, 205, 168); box-shadow:4px 4px 4px 4px rgb(143, 205, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2269, 52.3294, 45.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 205, 168) }
```

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

```
.background{ background-color: rgb(143,  
205, 168) }
```

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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