

Converting Colors

XYZ(45.2702, 47.5037, 51.9930)

Have a look what the booklet for
XYZ(45.2702, 47.5037, 51.9930)
contains.

XYZ(45.3524, 47.5180, 52.1290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(45.3524, 47.5180,
52.1290)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B7B8
RGB	184, 183, 184
RGB Percent	72%, 72%, 72%
CMY	0.2784, 0.2823, 0.2784
CMYK	0.00, 0.01, 0.00, 0.28
HSL	300°, 1%, 72%
HSV	300°, 1%, 72%
XYZ	45.3524, 47.5180, 52.1290
YIQ	183.4130, 0.2750, 0.5230

Conversions

Conversions Part 2

Format	Color
RYB	184, 183, 184
Decimal	12105656
CIELab	74.52, 0.54, -0.39
CIELCh	75, 0.667, 324.110
Yxy	47.5180, 0.3128, 0.3277
Android (android.graphics.Color)	4290295736 (0xFFB8B7B8)
YUV	183.4130, 0.2894, 0.5148
Hunter-Lab	68.9333, -3.1951, 3.4168

Details

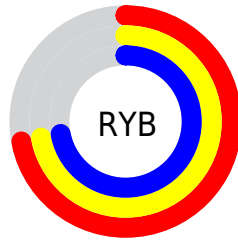
The XYZ color **45.3524, 47.5180, 52.1290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.2180, 47.7684, 51.6391**, and the grayscale version is **45.2360, 47.5918, 51.8275**.

A 20% lighter version of the original color is **82.5299, 86.5495, 94.7940**, and **21.4394, 22.4293, 24.6720** is the 20% darker color. If you saturate the color by 10%, you get **41.8031, 40.4189, 50.9465**, and if you desaturate by 10%, it is **49.4005, 55.6135, 53.4789**.

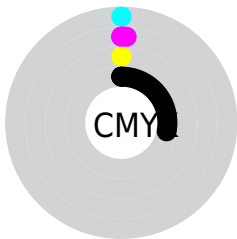
Distribution



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



- Red (72%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3524, 47.5180, 52.1290 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 45.3524, 47.5180, 52.1290 by changing the saturation by 10% instead.

■ 45.3524, 47.5180,
52.1290

■ 45.3524, 47.5180,
52.1290

358.9587,
376.8784, 411.9055

■ 31.9375, 33.4453,
36.7250

■ 82.4828, 86.4863,
94.7500

■ 21.4691, 22.4678,
24.7005

106.9290,
112.1508, 122.8040

■ 13.5818, 14.2011,
15.6371

135.7831,
142.4479, 155.9118

■ 7.9101, 8.2606,
9.1161

169.4104,
177.7622, 194.4918

■ 4.0888, 4.2622,
4.7192

208.1762,
218.4780, 238.9626

■ 1.7525, 1.8213,
2.0276

252.4460,

■ 0.4888, 0.5004,

264.9797, 289.7429

0.5722

302.5850,
317.6517, 347.2510

■ 0.0000, 0.0000,
0.0000

■ 45.3524, 47.5180,
52.1290

■ 45.3524, 47.5180,
52.1290

■ 41.8031, 40.4189,
50.9465

■ 49.4005, 55.6135,
53.4789

■ 38.7296, 34.2719,
49.9220

■ 53.9615, 64.7353,
54.9992

■ 36.1127, 29.0384,
49.0498

■ 59.0538, 74.9198,
56.6966

■ 33.9308, 24.6747,
48.3225

■ 64.1797, 85.1714,
58.4053

■ 32.1603, 21.1338,
47.7324

■ 64.1798, 85.1715,
58.4053

■ 30.7754, 18.3642,
47.2707

■ 64.1799, 85.1715,
58.4053

■ 29.7474, 16.3083,
46.9281

■ 64.1800, 85.1716,
58.4053

■ 29.0436, 14.9008,
46.6935

■ 64.1800, 85.1716,
58.4053

■ 28.6253, 14.0644,
46.5541

■ 64.1801, 85.1717,
58.4053

Harmonies

Analogous

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



45.2591, 47.5180, 52.3471



45.3524, 47.5180, 52.1290



45.3953, 47.5180, 51.8071

Triad

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



45.3524, 47.5180, 52.1290



45.1882, 47.5180, 51.0818



44.9533, 47.5180, 52.0106

Complementary

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



45.3524, 47.5180, 52.1290



45.2180, 47.7684, 51.6391

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.



44.9344, 47.5180, 51.6710



45.3524, 47.5180, 52.1290



45.0699, 47.5180, 51.1357

Square

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



45.3524, 47.5180, 52.1290



45.3004, 47.5180, 51.2033



44.9770, 47.5180, 51.3510



45.0287, 47.5180, 52.2785

Rectangle

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



45.3524, 47.5180, 52.1290



45.3895, 47.5180, 51.5774



44.9770, 47.5180, 51.3510



44.9401, 47.5180, 51.9010

Sweetspot

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



45.3537, 47.5200, 52.1300



82.5889, 86.8899, 94.6231



45.1192, 47.4042, 52.1200



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



45.3537, 47.5200, 52.1300



81.8890, 85.4902, 94.3899



45.3033, 47.4999, 51.8644



10.0477, 10.4962, 11.5758



19.5855, 9.4079, 32.0367



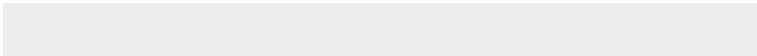
0.6904, 0.3317, 1.1294

Inverse Universe

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



45.2496, 47.4784, 51.5815



81.5358, 85.3489, 92.5297



45.2682, 47.7885, 51.9038



10.0079, 10.4803, 11.3663



13.6234, 7.0231, 0.6377



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 45.3524, 47.5180, 52.1290 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 45.3524, 47.5180, 52.1290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

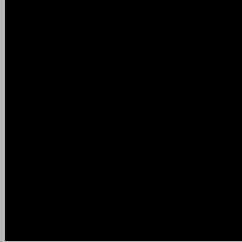
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

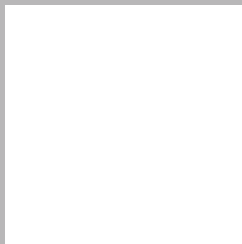
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.3524, 47.5180, 52.1290

Background



This preview shows how black text looks on a background with the XYZ color 45.3524, 47.5180, 52.1290.

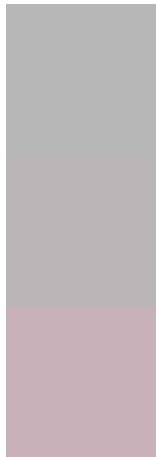


This preview shows how white text looks on a background with the XYZ color 45.3524, 47.5180,

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

45.3524, 47.5180, 52.1290

Protanopia

45.6294, 47.3557, 52.0830

Deuteranopia

48.2985, 47.2264, 52.4689



Tritanopia

46.7374, 47.4724, 58.9243

Trichromacy



Original Color

45.3524, 47.5180, 52.1290

Protanomaly

45.3873, 47.2309, 52.0717

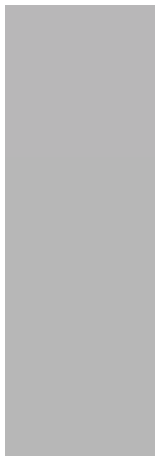
Deuteranomaly

47.1252, 47.2123, 52.5281

Tritanomaly

46.2500, 47.5760, 56.6146

Monochromacy



Original Color

45.3524, 47.5180, 52.1290

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.0092, 47.3531, 51.5676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3524, 47.5180, 52.1290 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(184, 183, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 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(184, 183, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 184) }
```

Border

The CSS property to change the border of an element to XYZ 45.3524, 47.5180, 52.1290 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(184, 183, 184) }
```

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

```
.border{ border-color:rgb(184, 183, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
184) }
```


Background

The CSS property to change the background color of an element to XYZ 45.3524, 47.5180, 52.1290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 184) }
```

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

```
.background{ background-color: rgb(184,  
183, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor