

Converting Colors

XYZ(43.6693, 42.7911, 53.0182)

Have a look what the booklet for
XYZ(43.6693, 42.7911, 53.0182)
contains.

XYZ(43.5941, 42.7764, 52.9727)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.5941, 42.7764,
52.9727)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAABB
RGB	186, 170, 187
RGB Percent	73%, 67%, 73%
CMY	0.2706, 0.3333, 0.2667
CMYK	0.01, 0.09, 0.00, 0.27
HSL	296°, 11%, 70%
HSV	296°, 9%, 73%
XYZ	43.5941, 42.7764, 52.9727
YIQ	176.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

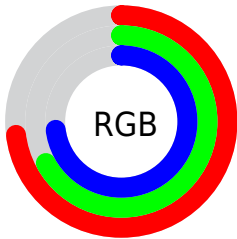
Format	Color
R_{YB}	186, 170, 187
Decimal	12233403
CIE _{Lab}	71.40, 8.86, -6.60
CIE _{LCh}	71, 11.051, 323.296
Yxy	42.7764, 0.3129, 0.3070
Android (android.graphics.Color)	4290423483 (0xFFBAAABB)
YUV	176.7220, 5.0671, 8.1368
Hunter-Lab	65.4037, 4.5208, -2.2385

Details

The XYZ color **43.5941, 42.7764, 52.9727** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.8221, 47.1019, 44.9196**, and the grayscale version is **41.6180, 43.7854, 47.6823**.

A 20% lighter version of the original color is **79.7208, 79.1987, 95.8792**, and **20.4544, 19.6646, 25.2718** is the 20% darker color. If you saturate the color by 10%, you get **40.0693, 36.1212, 51.8745**, and if you desaturate by 10%, it is **47.6221, 50.4336, 54.2390**.

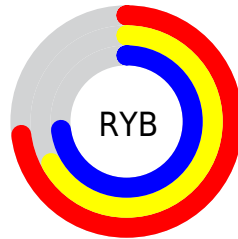
Distribution



Red (73%)

Green (67%)

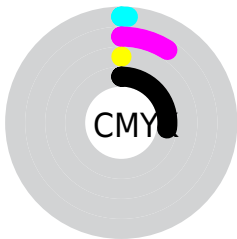
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

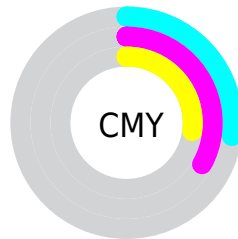


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5941, 42.7764, 52.9727 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 43.5941, 42.7764, 52.9727 by changing the saturation by 10% instead.

■ 43.5941, 42.7764,
52.9727

■ 43.5941, 42.7764,
52.9727

351.9296,
357.6914, 415.2437

■ 30.5481, 29.7097,
37.3934

■ 79.8568, 79.3733,
96.0053

■ 20.4051, 19.6184,
25.2141

103.8041,
103.6724, 124.2958

■ 12.7998, 12.1179,
16.0161

132.1159,
132.4843, 157.6603

■ 7.3669, 6.8240,
9.3811

165.1575,
166.1935, 196.5175

■ 3.7410, 3.3523,
4.8904

203.2944,
205.1845, 241.2859

■ 1.5567, 1.3183,
2.1255

246.8918,

■ 0.3639, 0.1553,

249.8415, 292.3840

0.6309

296.3150,
300.5490, 350.2305

■ 0.0000, 0.0000,
0.0000

■ 43.5941, 42.7764,
52.9727

■ 43.5941, 42.7764,
52.9727

■ 40.0693, 36.1212,
51.8745

■ 47.6221, 50.4336,
54.2390

■ 37.0229, 30.4206,
50.9348

■ 52.1693, 59.1267,
55.6773

■ 34.4339, 25.6317,
50.1469

■ 57.2555, 68.8948,
57.2947

■ 32.2780, 21.7058,
49.5027

■ 62.8985, 79.7734,
59.0970

■ 30.5287, 18.5902,
48.9936

■ 66.3417, 86.2493,
60.1655

■ 29.1566, 16.2260,
48.6095

■ 66.6203, 86.3929,
60.1786

■ 28.1284, 14.5466,
48.3396

■ 66.9009, 86.5376,
60.1917

■ 27.4049, 13.4736,
48.1706

■ 67.1837, 86.6833,
60.2049

■ 26.9162, 12.8671,
48.0793

■ 67.4685, 86.8302,
60.2183

Harmonies

Analogous

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



42.0891, 42.7764, 56.6355



43.5941, 42.7764, 52.9727



44.3155, 42.7764, 47.7827

Triad

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



43.5941, 42.7764, 52.9727



41.0768, 42.7764, 37.1229



37.4593, 42.7764, 50.7472

Complementary

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



43.5941, 42.7764, 52.9727



41.8221, 47.1019, 44.9196

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.



37.2069, 42.7764, 45.3903



43.5941, 42.7764, 52.9727



39.2591, 42.7764, 37.7847

Square

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



43.5941, 42.7764, 52.9727



42.8338, 42.7764, 38.8348



37.8562, 42.7764, 40.7166



38.5566, 42.7764, 55.2836

Rectangle

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



43.5941, 42.7764, 52.9727



44.2399, 42.7764, 44.2592



37.8562, 42.7764, 40.7166



37.2743, 42.7764, 48.9727

Sweetspot

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



43.5953, 42.7782, 52.9736



82.3250, 84.6783, 96.2070



40.1371, 41.3122, 52.8729



17.9998, 18.4012, 21.1457



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.



43.5953, 42.7782, 52.9736



76.6862, 73.9791, 94.4390



43.0705, 42.5964, 48.9376



9.8730, 9.6669, 12.0177



18.5385, 8.8430, 33.1227



0.7432, 0.3551, 1.2982

Inverse Universe

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



42.2204, 42.2564, 44.4611



73.7044, 72.8484, 75.9379



42.3218, 47.2767, 48.6831



9.5523, 9.5452, 10.0315



14.1712, 7.2996, 0.9291



0.5630, 0.2891, 0.0778

Previews

White Background



This preview shows how the XYZ color 43.5941, 42.7764, 52.9727 looks on a white background.

Color Contrast Check

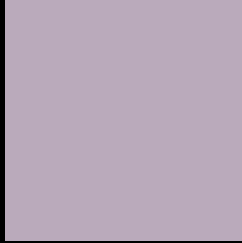
Large Text (above 18pt) WCAG AA × Fail

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 43.5941, 42.7764, 52.9727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

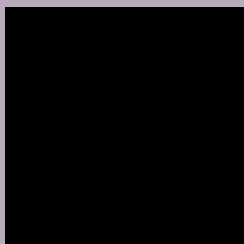
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5941, 42.7764, 52.9727

Background



This preview shows how black text looks on a background with the XYZ color 43.5941, 42.7764, 52.9727.



This preview shows how white text looks on a background with the XYZ color 43.5941, 42.7764,

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

43.5941, 42.7764, 52.9727

Protanopia

41.7769, 42.9449, 54.2314

Deuteranopia

43.5941, 42.7764, 52.9727



Tritanopia

43.4643, 43.0256, 51.3614

Trichromacy



Original Color

43.5941, 42.7764, 52.9727

Protanomaly

42.3808, 42.9830, 53.6398

Deuteranomaly

43.5941, 42.7764, 52.9727

Tritanomaly

43.5696, 43.0677, 51.9155

Monochromacy



Original Color

43.5941, 42.7764, 52.9727

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2989, 43.3116, 49.8466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5941, 42.7764, 52.9727 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(186, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 187)  
}
```

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(186, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 187) }
```

Border

The CSS property to change the border of an element to XYZ 43.5941, 42.7764, 52.9727 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(186, 170, 187) }
```


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

```
.border{ border-color:rgb(186, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 170,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5941, 42.7764, 52.9727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 187) }
```

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

```
.background{ background-color: rgb(186,  
170, 187) }
```

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