

Converting Colors

XYZ(42.4783, 42.1387, 53.0293)

Have a look what the booklet for
XYZ(42.4783, 42.1387, 53.0293)
contains.

XYZ(42.4004, 42.1611, 52.9169)	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(42.4004, 42.1611,
52.9169)**

Conversions

Conversions Part 1

Format	Color
Hex	B5AABB
RGB	181, 170, 187
RGB Percent	71%, 67%, 73%
CMY	0.2902, 0.3333, 0.2667
CMYK	0.03, 0.09, 0.00, 0.27
HSL	279°, 11%, 70%
HSV	279°, 9%, 73%
XYZ	42.4004, 42.1611, 52.9169
YIQ	175.2270, 1.0990, 7.6190

Conversions

Conversions Part 2

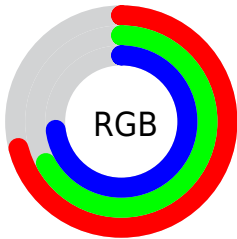
Format	Color
R_{YB}	181, 170, 187
Decimal	11905723
CIE Lab	70.98, 7.12, -7.28
CIE LCh	71, 10.182, 314.392
Yxy	42.1611, 0.3084, 0.3067
Android (android.graphics.Color)	4290095803 (0xFFB5AABB)
YUV	175.2270, 5.8041, 5.0629
Hunter-Lab	64.9316, 2.9305, -2.8671

Details

The XYZ color **42.4004, 42.1611, 52.9169** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9322, 47.6742, 44.9717**, and the grayscale version is **40.8366, 42.9633, 46.7870**.

A 20% lighter version of the original color is **78.0279, 78.3260, 95.7999**, and **19.6836, 19.2673, 25.2358** is the 20% darker color. If you saturate the color by 10%, you get **37.6302, 34.8639, 51.7604**, and if you desaturate by 10%, it is **47.7451, 50.4971, 54.2448**.

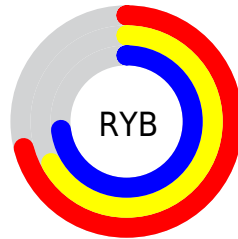
Distribution



Red (71%)

Green (67%)

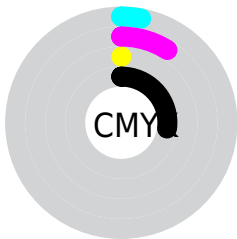
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

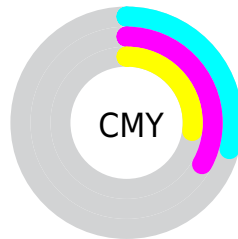


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.4004, 42.1611, 52.9169 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 42.4004, 42.1611, 52.9169 by changing the saturation by 10% instead.

■ 42.4004, 42.1611,
52.9169

■ 42.4004, 42.1611,
52.9169

347.1035,
355.1503, 415.0235

■ 29.6074, 29.2275,
37.3492

■ 78.0666, 78.4434,
95.9224

■ 19.6874, 19.2530,
25.1800

101.6706,
102.5608, 124.1972

■ 12.2750, 11.8532,
15.9910

129.6089,
131.1750, 157.5448

■ 7.0047, 6.6438,
9.3635

162.2470,
164.6702, 196.3838

■ 3.5114, 3.2403,
4.8790

199.9501,
203.4310, 241.1325

■ 1.4296, 1.2585,
2.1189

243.0837,

■ 0.2772, 0.1087,

247.8417, 292.2097

0.6270

292.0130,
298.2867, 350.0339

■ 0.0000, 0.0000,
0.0000

■ 42.4004, 42.1611,
52.9169

■ 42.4004, 42.1611,
52.9169

■ 37.6302, 34.8639,
51.7604

■ 47.7451, 50.4971,
54.2448

■ 33.4087, 28.5575,
50.7657

■ 53.6813, 59.9062,
55.7481

■ 29.7139, 23.1984,
49.9260

■ 60.2297, 70.4282,
57.4339

■ 26.5204, 18.7377,
49.2333

■ 67.4091, 82.0988,
59.3082

■ 23.8007, 15.1218,
48.6787

■ 72.4637, 89.4053,
60.4521

■ 21.5244, 12.2915,
48.2524

■ 74.4298, 90.4188,
60.5441

■ 19.6568, 10.1794,
47.9432

■ 76.4749, 91.4731,
60.6398

■ 18.1578, 8.7065,
47.7379

■ 78.5998, 92.5686,
60.7392

■ 16.9562, 7.7325,
47.6132

■ 80.8055, 93.7056,
60.8425

Harmonies

Analogous

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



40.8898, 42.1611, 55.5715



42.4004, 42.1611, 52.9169



43.3002, 42.1611, 48.4682

Triad

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



42.4004, 42.1611, 52.9169



40.9577, 42.1611, 37.4771



36.9930, 42.1611, 48.2696

Complementary

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



42.4004, 42.1611, 52.9169



42.9322, 47.6742, 44.9717

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.



37.0100, 42.1611, 43.4362



42.4004, 42.1611, 52.9169



39.2669, 42.1611, 37.4322

Square

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



42.4004, 42.1611, 52.9169



42.4513, 42.1611, 39.6712



37.8321, 42.1611, 39.5439



37.7849, 42.1611, 52.7627

Rectangle

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



42.4004, 42.1611, 52.9169



43.4169, 42.1611, 45.1940



37.8321, 42.1611, 39.5439



36.9051, 42.1611, 46.6260

Sweetspot

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



42.4016, 42.1629, 52.9178



81.5961, 84.3026, 96.1729



41.1200, 43.2780, 53.2006



17.7971, 18.2967, 21.1362



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.



42.4016, 42.1629, 52.9178



74.0718, 72.6314, 94.3167



43.5984, 42.8077, 51.7172



9.5942, 9.5232, 12.0047



11.6924, 5.3137, 32.8023



0.5265, 0.2434, 1.2881

Inverse Universe

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



42.7063, 42.4508, 47.0196



74.7499, 73.2666, 81.4430



41.8215, 47.0767, 46.0486



9.6655, 9.5905, 10.6277



14.8294, 7.5629, 4.3954



0.6124, 0.3088, 0.3380

Previews

White Background



This preview shows how the XYZ color 42.4004, 42.1611, 52.9169 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 42.4004, 42.1611, 52.9169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

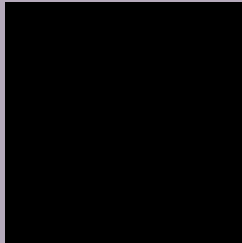
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.4004, 42.1611, 52.9169

Background



This preview shows how black text looks on a background with the XYZ color 42.4004, 42.1611, 52.9169.



This preview shows how white text looks on a background with the XYZ color 42.4004, 42.1611,

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

42.4004, 42.1611, 52.9169

Protanopia

41.1421, 42.3319, 54.1466

Deuteranopia

42.9248, 42.1541, 52.8879



Tritanopia

42.2707, 42.4103, 51.3055

Trichromacy



Original Color

42.4004, 42.1611, 52.9169

Protanomaly

41.5088, 42.2498, 53.5442

Deuteranomaly

42.6860, 42.0311, 52.8767

Tritanomaly

42.3759, 42.4524, 51.8596

Monochromacy



Original Color

42.4004, 42.1611, 52.9169

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2117, 42.4889, 48.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.4004, 42.1611, 52.9169 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(181, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 187) }
```

Border

The CSS property to change the border of an element to XYZ 42.4004, 42.1611, 52.9169 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(181, 170, 187) }
```


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

```
.border{ border-color:rgb(181, 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(181, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 42.4004, 42.1611, 52.9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 187) }
```

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

```
.background{ background-color: rgb(181,  
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](#).

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