

Converting Colors

XYZ(41.9461, 42.4248, 55.8472)

Have a look what the booklet for
XYZ(41.9461, 42.4248, 55.8472)
contains.

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Color

**XYZ(41.9461, 42.4248,
55.8472)**

Conversions

Conversions Part 1

Format	Color
Hex	AFACCO
RGB	175, 172, 192
RGB Percent	69%, 67%, 75%
CMY	0.3137, 0.3255, 0.2471
CMYK	0.09, 0.10, 0.00, 0.25
HSL	249°, 14%, 71%
HSV	249°, 10%, 75%
XYZ	41.9461, 42.4248, 55.8472
YIQ	175.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

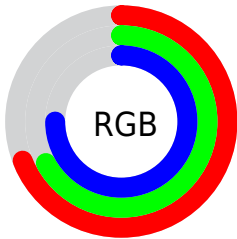
Format	Color
R_{YB}	175, 172, 192
Decimal	11513024
CIE Lab	71.16, 4.97, -9.81
CIE LCh	71, 11.002, 296.873
Yxy	42.4248, 0.2991, 0.3026
Android (android.graphics.Color)	4289703104 (0xFFAFACC0)
YUV	175.1770, 8.2937, -0.1552
Hunter-Lab	65.1343, 0.9678, -5.2422

Details

The XYZ color **41.9461, 42.4248, 55.8472** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.2840, 51.4979, 46.4798**, and the grayscale version is **40.8003, 42.9251, 46.7455**.

A 20% lighter version of the original color is **77.3674, 78.7044, 99.9207**, and **19.4027, 19.4346, 27.1547** is the 20% darker color. If you saturate the color by 10%, you get **35.1082, 33.8623, 54.5555**, and if you desaturate by 10%, it is **49.7573, 52.2750, 57.3374**.

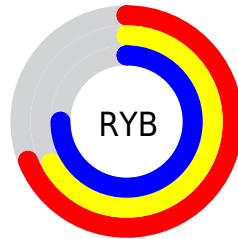
Distribution



Red (69%)

Green (67%)

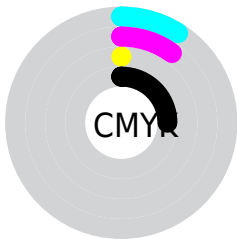
Blue (75%)



Red (69%)

Yellow (67%)

Blue (75%)

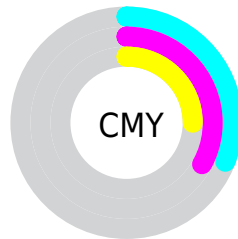


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (25%)



Cyan (31%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.9461, 42.4248, 55.8472 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 41.9461, 42.4248, 55.8472 by changing the saturation by 10% instead.

■ 41.9461, 42.4248,
55.8472

■ 41.9461, 42.4248,
55.8472

345.2549,
356.2409, 426.4875

■ 29.2500, 29.4341,
39.6773

■ 77.3837, 78.8421,
100.2647

■ 19.4153, 19.4094,
26.9751

100.8560,
103.0375, 129.3493

■ 12.0765, 11.9665,
17.3223

128.6510,
131.7366, 163.5759

■ 6.8684, 6.7209,
10.3001

161.1341,
165.3237, 203.3631

■ 3.4255, 3.2882,
5.4902

198.6707,
204.1833, 249.1292

■ 1.3826, 1.2840,
2.4739

241.6261,

■ 0.2438, 0.1287,

248.6998, 301.2930

0.8263

290.3657,
299.2575, 360.2729

■ 0.0000, 0.0000,
0.0000

■ 41.9461, 42.4248,
55.8472

■ 41.9461, 42.4248,
55.8472

■ 35.1082, 33.8623,
54.5555

■ 49.7573, 52.2750,
57.3374

■ 29.2016, 26.5291,
53.4514

■ 58.5742, 63.4577,
59.0312

■ 24.1867, 20.3699,
52.5269

■ 68.4323, 76.0219,
60.9368

■ 20.0196, 15.3235,
51.7724

■ 79.3641, 90.0128,
63.0611

■ 16.6529, 11.3227,
51.1776

■ 86.5146, 96.5858,
63.9530

■ 14.0339, 8.2932,
50.7309

■ 12.1038, 6.1508,
50.4191

■ 10.7943, 4.7965,
50.2267

■ 10.0149, 4.0638,
50.1264

Harmonies

Analogous

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



40.1306, 42.4248, 57.0825



41.9461, 42.4248, 55.8472



43.3636, 42.4248, 51.9626

Triad

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



41.9461, 42.4248, 55.8472



42.2906, 42.4248, 38.2071



36.8886, 42.4248, 45.6423

Complementary

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



41.9461, 42.4248, 55.8472



47.2840, 51.4979, 46.4798

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.



37.4289, 42.4248, 40.8678



41.9461, 42.4248, 55.8472



40.5170, 42.4248, 36.7854

Square

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



41.9461, 42.4248, 55.8472



43.5667, 42.4248, 41.7575



38.7433, 42.4248, 37.7216



37.2453, 42.4248, 50.9329

Rectangle

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



41.9461, 42.4248, 55.8472



43.8728, 42.4248, 48.5360



38.7433, 42.4248, 37.7216



36.9710, 42.4248, 43.9274

Sweetspot

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



41.9474, 42.4266, 55.8481



86.2560, 89.7888, 103.1451



44.7985, 49.1164, 56.9891



18.2525, 18.9442, 22.0799



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.



41.9474, 42.4266, 55.8481



73.6763, 73.9484, 100.7506



44.1957, 43.5856, 55.9534



9.6657, 9.8188, 12.6706



6.7807, 2.7560, 33.7312



0.3388, 0.1427, 1.4596

Inverse Universe

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



45.6776, 44.3876, 54.3067



81.5021, 78.0631, 97.4833



44.9650, 50.3024, 46.3713



10.4303, 10.2207, 12.3565



19.1123, 9.3347, 24.3011



0.8438, 0.4105, 1.1448

Previews

White Background



This preview shows how the XYZ color 41.9461, 42.4248, 55.8472 looks on a white background.

Color Contrast Check

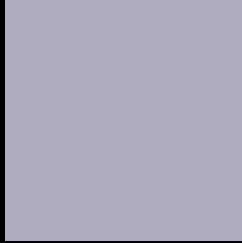
Large Text (above 18pt) WCAG AA × Fail

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 41.9461, 42.4248, 55.8472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

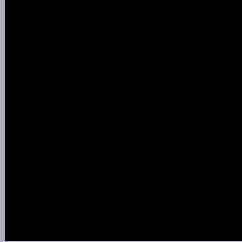
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.9461, 42.4248, 55.8472

Background



This preview shows how black text looks on a background with the XYZ color 41.9461, 42.4248, 55.8472.



This preview shows how white text looks on a background with the XYZ color 41.9461, 42.4248,

55.8472.

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

41.9461, 42.4248, 55.8472

Protanopia

41.5825, 42.5081, 56.4653

Deuteranopia

43.3420, 42.2935, 56.3312



Tritanopia

41.3688, 42.4737, 53.0316

Trichromacy



Original Color

41.9461, 42.4248, 55.8472

Protanomaly

41.8028, 42.6216, 56.4756

Deuteranomaly

42.8228, 42.3030, 56.3604

Tritanomaly

41.5844, 42.5599, 54.1673

Monochromacy



Original Color

41.9461, 42.4248, 55.8472

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.1557, 42.7223, 49.7931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.9461, 42.4248, 55.8472 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(175, 172, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 192)  
}
```

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(175, 172, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 192) }
```

Border

The CSS property to change the border of an element to XYZ 41.9461, 42.4248, 55.8472 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(175, 172, 192) }
```


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

```
.border{ border-color:rgb(175, 172, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 172, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 172, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 172, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 172,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 41.9461, 42.4248, 55.8472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 192) }
```

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

```
.background{ background-color: rgb(175,  
172, 192) }
```

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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