

Converting Colors

XYZ(41.6927, 41.8618, 56.8039)

Have a look what the booklet for
XYZ(41.6927, 41.8618, 56.8039)
contains.

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Color

**XYZ(41.7561, 42.0195,
56.9487)**

Conversions

Conversions Part 1

Format	Color
Hex	AEABC2
RGB	174, 171, 194
RGB Percent	68%, 67%, 76%
CMY	0.3176, 0.3294, 0.2392
CMYK	0.10, 0.12, 0.00, 0.24
HSL	248°, 16%, 72%
HSV	248°, 12%, 76%
XYZ	41.7561, 42.0195, 56.9487
YIQ	174.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

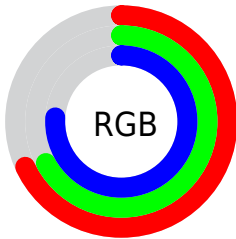
Format	Color
R_{YB}	174, 171, 194
Decimal	11447234
CIE _{Lab}	70.88, 5.60, -11.34
CIE _{LCh}	71, 12.646, 296.273
Yxy	42.0195, 0.2967, 0.2986
Android (android.graphics.Color)	4289637314 (0xFFAEABC2)
YUV	174.5190, 9.6041, -0.4552
Hunter-Lab	64.8224, 1.5435, -6.7125

Details

The XYZ color **41.7561, 42.0195, 56.9487** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.1297, 52.6012, 46.1464**, and the grayscale version is **40.4543, 42.5611, 46.3490**.

A 20% lighter version of the original color is **77.2421, 78.1807, 102.2861**, and **19.3565, 19.2247, 27.5015** is the 20% darker color. If you saturate the color by 10%, you get **34.8320, 33.4044, 55.6514**, and if you desaturate by 10%, it is **49.6927, 51.9571, 58.4492**.

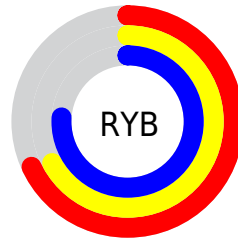
Distribution



Red (68%)

Green (67%)

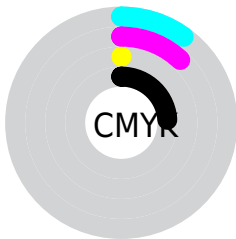
Blue (76%)



Red (68%)

Yellow (67%)

Blue (76%)

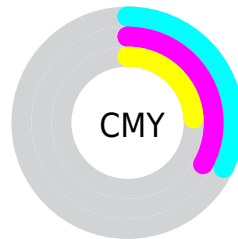


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7561, 42.0195, 56.9487 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 41.7561, 42.0195, 56.9487 by changing the saturation by 10% instead.

■ 41.7561, 42.0195,
56.9487

■ 41.7561, 42.0195,
56.9487

344.4797,
354.5638, 430.7454

■ 29.1006, 29.1166,
40.5550

■ 77.0978, 78.2291,
101.8899

■ 19.3016, 19.1690,
27.6544

100.5148,
102.3046, 131.2745

■ 11.9937, 11.7925,
17.8286

128.2497,
130.8731, 165.8264

■ 6.8116, 6.6025,
10.6588

160.6678,
164.3189, 205.9643

■ 3.3898, 3.2148,
5.7266

198.1345,
203.0265, 252.1065

■ 1.3631, 1.2449,
2.6135

241.0152,

■ 0.2297, 0.0979,

247.3802, 304.6718

0.8994

289.6751,
297.7645, 364.0786

■ 0.0000, 0.0000,
0.0000

■ 41.7561, 42.0195,
56.9487

■ 41.7561, 42.0195,
56.9487

■ 34.8320, 33.4044,
55.6514

■ 49.6927, 51.9571,
58.4492

■ 28.8757, 26.0510,
54.5460

■ 58.6764, 63.2644,
60.1582

■ 23.8451, 19.9013,
53.6241

■ 68.7450, 75.9925,
62.0843

■ 19.6932, 14.8908,
52.8758

■ 79.9329, 90.1885,
64.2348

■ 16.3689, 10.9491,
52.2902

■ 86.7377, 96.6751,
65.1282

■ 13.8159, 7.9977,
51.8551

■ 11.9703, 5.9472,
51.5566

■ 10.7581, 4.6919,
51.3782

■ 10.1458, 4.1055,
51.2973

Harmonies

Analogous

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



39.6759, 42.0195, 58.3162



41.7561, 42.0195, 56.9487



43.3986, 42.0195, 52.4920

Triad

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



41.7561, 42.0195, 56.9487



42.2271, 42.0195, 36.7759



36.0354, 42.0195, 45.0030

Complementary

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



41.7561, 42.0195, 56.9487



48.1297, 52.6012, 46.1464

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.



36.6669, 42.0195, 39.6153



41.7561, 42.0195, 56.9487



40.2019, 42.0195, 35.1361

Square

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



41.7561, 42.0195, 56.9487



43.6772, 42.0195, 40.8123



38.1740, 42.0195, 36.1286



36.4191, 42.0195, 51.0752

Rectangle

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



41.7561, 42.0195, 56.9487



43.9990, 42.0195, 48.5572



38.1740, 42.0195, 36.1286



36.1354, 42.0195, 43.0572

Sweetspot

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



41.7574, 42.0213, 56.9496



86.6924, 89.9447, 105.2617



45.2334, 49.9539, 58.2976



18.7358, 19.3849, 23.0041



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.



41.7574, 42.0213, 56.9496



72.5194, 72.2223, 102.5879



44.3537, 43.3597, 57.0711



9.6477, 9.8095, 12.6698



6.7103, 2.7197, 33.7279



0.3307, 0.1385, 1.4592

Inverse Universe

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



46.2163, 44.3585, 55.4181



82.0673, 77.2280, 99.2599



45.4235, 51.2061, 46.0197



10.4390, 10.2242, 12.4021



19.3395, 9.4256, 25.4976



0.8517, 0.4137, 1.1863

Previews

White Background



This preview shows how the XYZ color 41.7561, 42.0195, 56.9487 looks on a white background.

Color Contrast Check

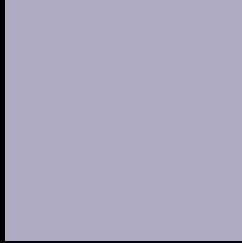
Large Text (above 18pt) WCAG AA × Fail

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 41.7561, 42.0195, 56.9487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

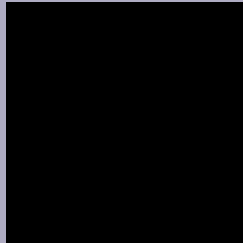
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7561, 42.0195, 56.9487

Background



This preview shows how black text looks on a background with the XYZ color 41.7561, 42.0195, 56.9487.



This preview shows how white text looks on a background with the XYZ color 41.7561, 42.0195,

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

41.7561, 42.0195, 56.9487

Protanopia

41.1804, 41.9912, 57.5644

Deuteranopia

42.7480, 41.9743, 56.8877



Tritanopia

40.8490, 41.9345, 52.3956

Trichromacy



Original Color

41.7561, 42.0195, 56.9487

Protanomaly

41.3974, 42.1031, 57.5746

Deuteranomaly

42.4724, 42.1095, 56.9283

Tritanomaly

41.1714, 42.0634, 54.0932

Monochromacy



Original Color

41.7561, 42.0195, 56.9487

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.2587, 42.7635, 50.3356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7561, 42.0195, 56.9487 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(174, 171, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 194)  
}
```

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(174, 171, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 194) }
```

Border

The CSS property to change the border of an element to XYZ 41.7561, 42.0195, 56.9487 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(174, 171, 194) }
```


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

```
.border{ border-color:rgb(174, 171, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7561, 42.0195, 56.9487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 194) }
```

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

```
.background{ background-color: rgb(174,  
171, 194) }
```

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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