

Converting Colors

XYZ(41.5093, 41.1260, 63.2686)

Have a look what the booklet for
XYZ(41.5093, 41.1260, 63.2686)
contains.

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Color

**XYZ(41.5696, 41.2187,
63.5227)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A9CD
RGB	169, 169, 205
RGB Percent	66%, 66%, 80%
CMY	0.3372, 0.3372, 0.1961
CMYK	0.18, 0.18, 0.00, 0.20
HSL	240°, 26%, 73%
HSV	240°, 18%, 80%
XYZ	41.5696, 41.2187, 63.5227
YIQ	173.1040, -11.5560, 11.1960

Conversions

Conversions Part 2

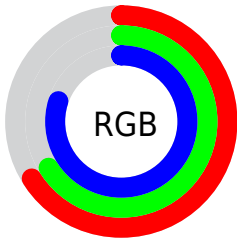
Format	Color
R _Y B	169, 169, 205
Decimal	11119053
CIE Lab	70.33, 7.43, -18.27
CIE LCh	70, 19.725, 292.114
Yxy	41.2187, 0.2841, 0.2817
Android (android.graphics.Color)	4289309133 (0xFFA9A9CD)
YUV	173.1040, 15.7247, -3.5992
Hunter-Lab	64.2018, 3.2227, -13.7216

Details

The XYZ color **41.5696, 41.2187, 63.5227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.1700, 59.5064, 46.1680**, and the grayscale version is **39.7011, 41.7686, 45.4860**.

A 20% lighter version of the original color is **75.7570, 76.5389, 105.3884**, and **19.1497, 18.6699, 31.8725** is the 20% darker color. If you saturate the color by 10%, you get **33.9925, 32.0891, 62.1605**, and if you desaturate by 10%, it is **50.4366, 51.9029, 65.1183**.

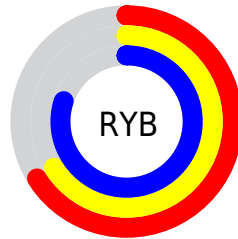
Distribution



Red (66%)

Green (66%)

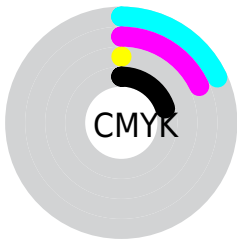
Blue (80%)



Red (66%)

Yellow (66%)

Blue (80%)

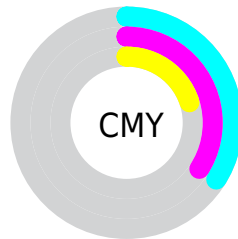


Cyan (18%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5696, 41.2187, 63.5227 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 41.5696, 41.2187, 63.5227 by changing the saturation by 10% instead.

■ 41.5696, 41.2187,
63.5227

■ 41.5696, 41.2187,
63.5227

343.7177,
351.2338, 455.6240

■ 28.9541, 28.4900,
45.8205

■ 76.8171, 77.0158,
111.5161

■ 19.1902, 18.6954,
31.7565

■ 100.1797,
100.8530, 142.6444

■ 11.9126, 11.4504,
20.9123

127.8554,
129.1618, 179.0851

■ 6.7560, 6.3706,
12.8693

160.2096,
162.3266, 221.2568

■ 3.3549, 3.0717,
7.2090

197.6076,
200.7318, 269.5780

■ 1.3441, 1.1693,
3.5127

240.4147,

■ 0.2159, 0.0364,

244.7618, 324.4672

1.3620

288.9963,
294.8010, 386.3431

■ 0.0000, 0.0000,
0.1118

■ 0.0000, 0.0000,
0.0000

■ 41.5696, 41.2187,
63.5227

■ 41.5696, 41.2187,
63.5227

■ 33.9925, 32.0891,
62.1605

■ 50.4366, 51.9029,
65.1183

■ 27.6418, 24.4369,
61.0182

■ 60.6457, 64.2041,
66.9546

■ 22.4541, 18.1860,
60.0851

■ 72.2508, 78.1872,
69.0419

■ 18.3590, 13.2516,
59.3485

■ 85.3016, 93.9123,
71.3893

■ 15.2783, 9.5396,
58.7944

■ 88.0196, 97.1878,
71.8783

■ 13.1237, 6.9433,
58.4068

■ 11.7916, 5.3382,
58.1672

■ 11.1366, 4.5489,
58.0494

■ 11.0197, 4.4080,
58.0283

Harmonies

Analogous

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



38.3286, 41.2187, 64.9756



41.5696, 41.2187, 63.5227



44.3028, 41.2187, 56.7530

Triad

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



41.5696, 41.2187, 63.5227



43.1289, 41.2187, 32.2196



33.3243, 41.2187, 42.4764

Complementary

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



41.5696, 41.2187, 63.5227



54.1700, 59.5064, 46.1680

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.



34.4629, 41.2187, 34.7906



41.5696, 41.2187, 63.5227



40.0381, 41.2187, 29.4247

Square

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



41.5696, 41.2187, 63.5227



45.2370, 41.2187, 38.4928



36.8783, 41.2187, 30.2965



33.6841, 41.2187, 51.9377

Rectangle

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



41.5696, 41.2187, 63.5227



45.4103, 41.2187, 50.5861



36.8783, 41.2187, 30.2965



33.5422, 41.2187, 39.6203

Sweetspot

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



41.5709, 41.2204, 63.5236



86.5806, 89.7950, 107.3766



49.1415, 56.4773, 65.6905



18.2869, 18.9247, 22.9390



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.



41.5709, 41.2204, 63.5236



63.2508, 61.6844, 103.1804



45.5554, 43.2740, 63.7100



10.6018, 10.8441, 14.1047



6.8601, 2.7442, 36.1244



0.3539, 0.1416, 1.8636

Inverse Universe

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



46.5273, 44.2207, 43.6211



72.8276, 67.4818, 64.7246



49.6342, 57.1687, 45.9558



11.2124, 11.2137, 11.6530



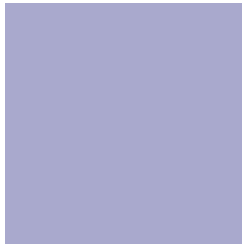
15.6736, 8.0800, 0.7337



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 41.5696, 41.2187, 63.5227 looks on a white background.

Color Contrast Check

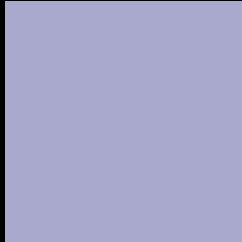
Large Text (above 18pt) WCAG AA × Fail

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 41.5696, 41.2187, 63.5227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

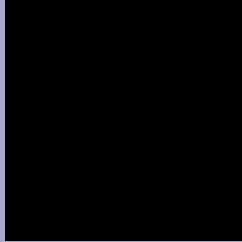
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5696, 41.2187, 63.5227

Background



This preview shows how black text looks on a background with the XYZ color 41.5696, 41.2187, 63.5227.



This preview shows how white text looks on a background with the XYZ color 41.5696, 41.2187,

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

41.5696, 41.2187, 63.5227

Protanopia

40.8251, 41.0982, 64.1735

Deuteranopia

42.0353, 41.1837, 63.4914



Tritanopia

39.3413, 41.1572, 52.3250

Trichromacy



Original Color

41.5696, 41.2187, 63.5227

Protanomaly

41.2412, 41.3127, 64.1930

Deuteranomaly

41.8167, 41.0710, 63.4811

Tritanomaly

40.1249, 41.1916, 56.2880

Monochromacy



Original Color

41.5696, 41.2187, 63.5227

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.5227, 41.7785, 51.8272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5696, 41.2187, 63.5227 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(169, 169, 205)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 205)  
}
```

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(169, 169, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.5696, 41.2187, 63.5227 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(169, 169, 205) }
```


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

```
.border{ border-color:rgb(169, 169, 205) }
```

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

Here you see how a box with a 4 pixel rgb(169, 169, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 169, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 169, 205);  
box-shadow:4px 4px 4px 4px rgb(169, 169,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5696, 41.2187, 63.5227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 205) }
```

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

```
.background{ background-color: rgb(169,  
169, 205) }
```

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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