

Converting Colors

XYZ(41.0906, 40.5871, 66.3964)

Have a look what the booklet for
XYZ(41.0906, 40.5871, 66.3964)
contains.

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Color

**XYZ(41.1525, 40.6577,
66.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A8D2
RGB	165, 168, 210
RGB Percent	65%, 66%, 82%
CMY	0.3529, 0.3412, 0.1765
CMYK	0.21, 0.20, 0.00, 0.18
HSL	236°, 33%, 74%
HSV	236°, 21%, 82%
XYZ	41.1525, 40.6577, 66.6515
YIQ	171.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

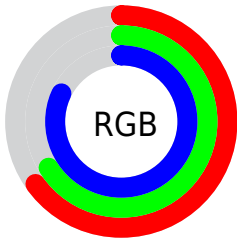
Format	Color
RYB	165, 168, 210
Decimal	10856658
CIELab	69.94, 7.85, -21.65
CIElCh	70, 23.030, 289.923
Yxy	40.6577, 0.2772, 0.2739
Android (android.graphics.Color)	4289046738 (0xFFA5A8D2)
YUV	171.8910, 18.7877, -6.0434
Hunter-Lab	63.7634, 3.6169, -17.3411

Details

The XYZ color **41.1525, 40.6577, 66.6515** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.6831, 61.0440, 44.4462**, and the grayscale version is **39.0721, 41.1069, 44.7654**.

A 20% lighter version of the original color is **74.2565, 75.3675, 105.2414**, and **18.8439, 18.3021, 33.5498** is the 20% darker color. If you saturate the color by 10%, you get **33.7884, 31.8895, 65.3479**, and if you desaturate by 10%, it is **49.7818, 50.8896, 68.1723**.

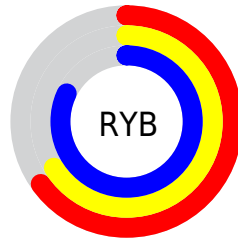
Distribution



Red (65%)

Green (66%)

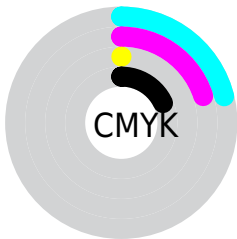
Blue (82%)



Red (65%)

Yellow (66%)

Blue (82%)

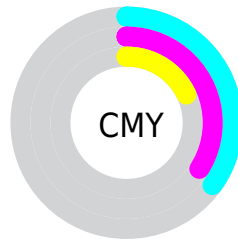


Cyan (21%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1525, 40.6577, 66.6515 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 41.1525, 40.6577, 66.6515 by changing the saturation by 10% instead.

■ 41.1525, 40.6577,
66.6515

■ 41.1525, 40.6577,
66.6515

342.0093,
348.8879, 467.1709

■ 28.6265, 28.0517,
48.3416

■ 76.1886, 76.1640,
116.0568

■ 18.9413, 18.3646,
33.7356

■ 99.4293, 99.8331,
147.9893

■ 11.7316, 11.2121,
22.4148

126.9724,
127.9587, 185.2999

■ 6.6321, 6.2097,
13.9608

159.1831,
160.9252, 228.4069

■ 3.2774, 2.9730,
7.9550

196.4267,
199.1170, 277.7290

■ 1.3021, 1.1177,
3.9788

239.0688,

■ 0.1848, 0.0000,

242.9184, 333.6846

1.6137

287.4745,
292.7139, 396.6925

■ 0.0000, 0.0000,
0.3006

■ 0.0000, 0.0000,
0.0000

■ 41.1525, 40.6577,
66.6515

■ 41.1525, 40.6577,
66.6515

■ 33.7884, 31.8895,
65.3479

■ 49.7818, 50.8896,
68.1723

■ 27.6262, 24.5134,
64.2489

■ 59.7277, 62.6427,
69.9167

■ 22.6033, 18.4592,
63.3451

■ 71.0436, 75.9774,
71.8941

■ 18.6495, 13.6486,
62.6249

■ 83.7788, 90.9493,
74.1128

■ 15.6871, 9.9950,
62.0759

■ 88.6330, 97.4332,
75.1085

■ 13.6278, 7.4007,
61.6836

■ 12.3674, 5.7518,
61.4318

■ 11.7901, 4.9675,
61.3108

Harmonies

Analogous

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



37.3964, 40.6577, 67.8633



41.1525, 40.6577, 66.6515



44.4259, 40.6577, 58.9343

Triad

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



41.1525, 40.6577, 66.6515



43.4728, 40.6577, 30.2777



31.9726, 40.6577, 40.7546

Complementary

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



41.1525, 40.6577, 66.6515



55.6831, 61.0440, 44.4462

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.



33.3867, 40.6577, 32.2644



41.1525, 40.6577, 66.6515



39.9189, 40.6577, 26.8963

Square

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



41.1525, 40.6577, 66.6515



45.8244, 40.6577, 37.6010



36.2394, 40.6577, 27.5595



32.2557, 40.6577, 51.6828

Rectangle

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



41.1525, 40.6577, 66.6515



45.8170, 40.6577, 51.7407



36.2394, 40.6577, 27.5595



32.2616, 40.6577, 37.5542

Sweetspot

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



41.1538, 40.6593, 66.6524



85.2560, 88.4380, 107.1845



49.7355, 58.5617, 67.2348



18.0301, 18.6715, 22.9036



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.



41.1538, 40.6593, 66.6524



58.0589, 56.1944, 102.3943



44.7963, 41.7240, 66.6659



11.2261, 11.5425, 14.8799



7.2181, 3.0829, 37.4071



0.4263, 0.2178, 2.0991

Inverse Universe

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



47.1024, 43.4401, 42.9498



69.0124, 61.3820, 58.7341



51.3877, 59.9194, 44.4555



11.8403, 11.8208, 12.4346



16.2741, 8.3825, 1.0837



0.9214, 0.4733, 0.1209

Previews

White Background



This preview shows how the XYZ color 41.1525, 40.6577, 66.6515 looks on a white background.

Color Contrast Check

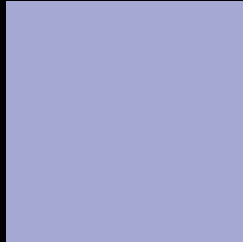
Large Text (above 18pt) WCAG AA × Fail

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 41.1525, 40.6577, 66.6515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

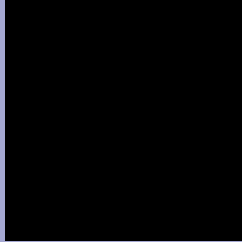
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.1525, 40.6577, 66.6515

Background



This preview shows how black text looks on a background with the XYZ color 41.1525, 40.6577, 66.6515.



This preview shows how white text looks on a background with the XYZ color 41.1525, 40.6577,

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

41.1525, 40.6577, 66.6515

Protanopia

40.6438, 40.6561, 67.3333

Deuteranopia

41.3879, 40.5061, 66.6098



Tritanopia

38.1127, 40.5238, 52.2675

Trichromacy



Original Color

41.1525, 40.6577, 66.6515

Protanomaly

40.8461, 40.7605, 67.3428

Deuteranomaly

41.1775, 40.3976, 66.6000

Tritanomaly

39.3135, 40.7473, 57.4227

Monochromacy



Original Color

41.1525, 40.6577, 66.6515

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.7880, 41.1060, 52.2916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1525, 40.6577, 66.6515 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(165, 168, 210)` looks like.

```
.text, #text, p{  
    color:rgb(165, 168, 210)  
}
```

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(165, 168, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 168, 210) }
```

Border

The CSS property to change the border of an element to XYZ 41.1525, 40.6577, 66.6515 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(165, 168, 210) }
```


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

```
.border{ border-color:rgb(165, 168, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 168, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 168, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 168, 210);  
box-shadow:4px 4px 4px 4px rgb(165, 168,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1525, 40.6577, 66.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 168, 210) }
```

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

```
.background{ background-color: rgb(165,  
168, 210) }
```

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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