

Converting Colors

XYZ(41.2067, 43.8383, 66.8808)

Have a look what the booklet for
XYZ(41.2067, 43.8383, 66.8808)
contains.

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Color

**XYZ(41.1463, 43.8122,
66.6096)**

Conversions

Conversions Part 1

Format	Color
Hex	9BB3D1
RGB	155, 179, 209
RGB Percent	61%, 70%, 82%
CMY	0.3921, 0.2980, 0.1804
CMYK	0.26, 0.14, 0.00, 0.18
HSL	213°, 37%, 71%
HSV	213°, 26%, 82%
XYZ	41.1463, 43.8122, 66.6096
YIQ	175.2440, -23.9340, 4.2420

Conversions

Conversions Part 2

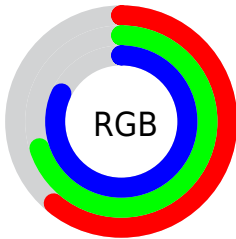
Format	Color
RYB	155, 172, 209
Decimal	10204113
CIELab	72.10, -1.51, -17.88
CIElCh	72, 17.944, 265.162
Yxy	43.8122, 0.2715, 0.2891
Android (android.graphics.Color)	4288394193 (0xFF9BB3D1)
YUV	175.2440, 16.6417, -17.7540
Hunter-Lab	66.1908, -4.8726, -13.3316

Details

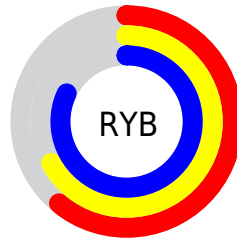
The XYZ color **41.1463, 43.8122, 66.6096** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **49.5605, 50.6202, 38.1701**, and the grayscale version is **40.8004, 42.9251, 46.7455**.

A 20% lighter version of the original color is **74.3367, 80.3383, 106.1966**, and **18.9708, 20.1718, 33.9040** is the 20% darker color. If you saturate the color by 10%, you get **35.2475, 37.4619, 65.6955**, and if you desaturate by 10%, it is **47.9380, 50.9158, 67.6235**.

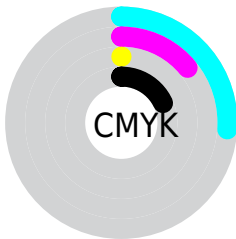
Distribution



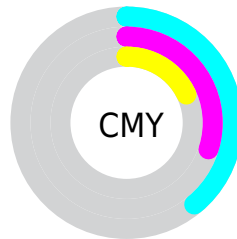
- Red (61%)
- Green (70%)
- Blue (82%)



- Red (61%)
- Yellow (67%)
- Blue (82%)



- Cyan (26%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (39%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1463, 43.8122, 66.6096 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 41.1463, 43.8122, 66.6096 by changing the saturation by 10% instead.

■ 41.1463, 43.8122,
66.6096

■ 41.1463, 43.8122,
66.6096

341.9839,
361.9414, 467.0175

■ 28.6216, 30.5229,
48.3078

■ 76.1792, 80.9351,
115.9962

■ 18.9376, 20.2358,
33.7090

■ 99.4182, 105.5374,
147.9180

■ 11.7289, 12.5666,
22.3946

126.9592,
134.6796, 185.2170

■ 6.6303, 7.1308,
13.9460

159.1678,
168.7460, 228.3116

■ 3.2762, 3.5440,
7.9448

196.4092,
208.1209, 277.6205

■ 1.3015, 1.4219,
3.9724

239.0487,

■ 0.1843, 0.2328,

253.1889, 333.5620

1.6102

287.4518,
304.3342, 396.5548

■ 0.0000, 0.0000,
0.2981

■ 0.0000, 0.0000,
0.0000

■ 41.1463, 43.8122,
66.6096

■ 41.1463, 43.8122,
66.6096

■ 35.2475, 37.4619,
65.6955

■ 47.9380, 50.9158,
67.6235

■ 30.1969, 31.8316,
64.8749

■ 55.6564, 58.7938,
68.7373

■ 25.9520, 26.8930,
64.1454

■ 64.3384, 67.4730,
69.9550

■ 22.4645, 22.6135,
63.5032

■ 74.0174, 76.9770,
71.2793

■ 19.6804, 18.9572,
62.9442

■ 83.0493, 86.4646,
72.6345

■ 17.5376, 15.8836,
62.4639

■ 86.5216, 93.4092,
73.7920

■ 15.9601, 13.3445,
62.0569

■ 88.5088, 97.3835,
74.4544

■ 15.4140, 12.4139,
61.9061

Harmonies

Analogous

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



38.3603, 43.8122, 62.9681



41.1463, 43.8122, 66.6096



44.2027, 43.8122, 64.6994

Triad

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



41.1463, 43.8122, 66.6096



47.2166, 43.8122, 40.8713



36.9828, 43.8122, 38.6837

Complementary

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



41.1463, 43.8122, 66.6096



49.5605, 50.6202, 38.1701

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.



39.1825, 43.8122, 33.9805



41.1463, 43.8122, 66.6096



45.1061, 43.8122, 35.1305

Square

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



41.1463, 43.8122, 66.6096



47.8053, 43.8122, 49.1441



42.1420, 43.8122, 32.7640



36.0330, 43.8122, 46.2924

Rectangle

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



41.1463, 43.8122, 66.6096



45.9697, 43.8122, 60.6445



42.1420, 43.8122, 32.7640



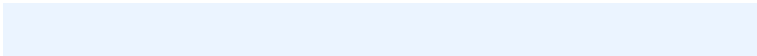
37.5952, 43.8122, 36.7493

Sweetspot

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



41.1477, 43.8140, 66.6106



84.4297, 89.3155, 107.3974



45.0443, 56.0605, 54.1808



17.6676, 18.7068, 22.9295



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.



41.1477, 43.8140, 66.6106



59.2587, 63.0754, 103.6592



37.2727, 35.2861, 65.1688



11.5900, 12.2703, 15.0012



9.5987, 7.8441, 38.2006



0.6152, 0.5957, 2.1621

Inverse Universe

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



46.1537, 40.2539, 47.9869



68.5241, 56.9985, 69.0745



54.2547, 61.1331, 39.9519



12.0239, 11.8943, 13.4019



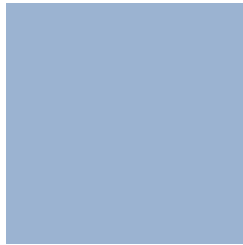
17.4757, 8.8631, 7.4113



1.0168, 0.5114, 0.6232

Previews

White Background



This preview shows how the XYZ color 41.1463, 43.8122, 66.6096 looks on a white background.

Color Contrast Check

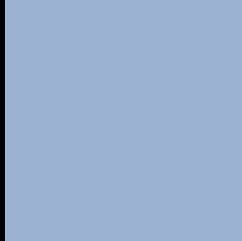
Large Text (above 18pt) WCAG AA × Fail

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 41.1463, 43.8122, 66.6096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

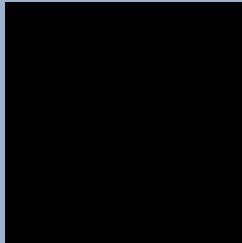
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

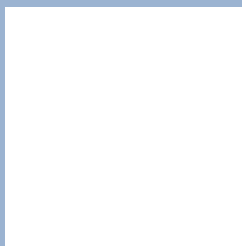
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1463, 43.8122, 66.6096

Background



This preview shows how black text looks on a background with the XYZ color 41.1463, 43.8122, 66.6096.



This preview shows how white text looks on a background with the XYZ color 41.1463, 43.8122,

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

41.1463, 43.8122, 66.6096

Protanopia

43.0481, 43.6622, 64.5513

Deuteranopia

44.5168, 43.5053, 67.0238



Tritanopia

39.4366, 43.7087, 58.5826

Trichromacy



Original Color

41.1463, 43.8122, 66.6096

Protanomaly

42.3049, 43.5550, 65.2087

Deuteranomaly

43.3250, 43.7481, 67.1335

Tritanomaly

40.0007, 43.6319, 61.5719

Monochromacy



Original Color

41.1463, 43.8122, 66.6096

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6434, 42.9634, 53.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1463, 43.8122, 66.6096 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(155, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(155, 179, 209)  
}
```

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(155, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 179, 209) }
```

Border

The CSS property to change the border of an element to XYZ 41.1463, 43.8122, 66.6096 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(155, 179, 209) }
```


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

```
.border{ border-color:rgb(155, 179, 209) }
```

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

Here you see how a box with a 4 pixel rgb(155, 179, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(155, 179,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1463, 43.8122, 66.6096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 179, 209) }
```

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

```
.background{ background-color: rgb(155,  
179, 209) }
```

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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