

Converting Colors

XYZ(41.1484, 45.7170, 66.6453)

Have a look what the booklet for
XYZ(41.1484, 45.7170, 66.6453)
contains.

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Color

**XYZ(41.1286, 45.6416,
66.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	95B9D0
RGB	149, 185, 208
RGB Percent	58%, 73%, 82%
CMY	0.4157, 0.2745, 0.1843
CMYK	0.28, 0.11, 0.00, 0.18
HSL	203°, 39%, 70%
HSV	203°, 28%, 82%
XYZ	41.1286, 45.6416, 66.3165
YIQ	176.8580, -28.8390, -0.4790

Conversions

Conversions Part 2

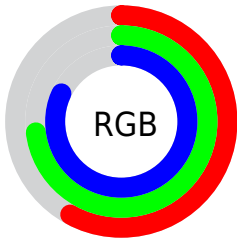
Format	Color
R _Y B	149, 171, 208
Decimal	9812432
CIE Lab	73.31, -6.78, -15.54
CIE LCh	73, 16.959, 246.431
Yxy	45.6416, 0.2687, 0.2981
Android (android.graphics.Color)	4288002512 (0xFF95B9D0)
YUV	176.8580, 15.3530, -24.4315
Hunter-Lab	67.5586, -9.5595, -10.9090

Details

The XYZ color **41.1286, 45.6416, 66.3165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.1904, 45.0853, 34.7028**, and the grayscale version is **41.6495, 43.8185, 47.7183**.

A 20% lighter version of the original color is **74.4071, 82.9680, 106.7005**, and **19.0138, 21.3770, 33.6959** is the 20% darker color. If you saturate the color by 10%, you get **36.0195, 40.5622, 65.6061**, and if you desaturate by 10%, it is **47.0150, 51.2675, 67.0929**.

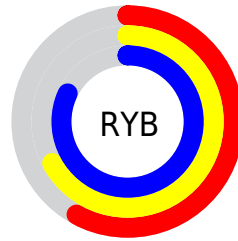
Distribution



Red (58%)

Green (73%)

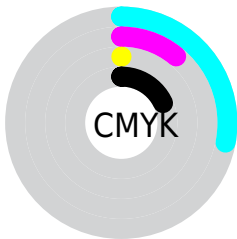
Blue (82%)



Red (58%)

Yellow (67%)

Blue (82%)

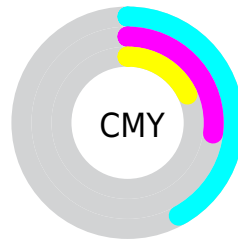


Cyan (28%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1286, 45.6416, 66.3165 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 41.1286, 45.6416, 66.3165 by changing the saturation by 10% instead.

■ 41.1286, 45.6416,
66.3165

■ 41.1286, 45.6416,
66.3165

341.9112,
369.3659, 465.9430

■ 28.6077, 31.9631,
48.0713

■ 76.1525, 83.6824,
115.5718

■ 18.9270, 21.3333,
33.5229

■ 99.3863, 108.8134,
147.4190

■ 11.7213, 13.3679,
22.2530

126.9217,
138.5308, 184.6372

■ 6.6250, 7.6823,
13.8428

159.1242,
173.2188, 227.6450

■ 3.2729, 3.8924,
7.8739

196.3590,
213.2620, 276.8609

■ 1.2997, 1.6135,
3.9278

238.9915,

■ 0.1830, 0.3667,

259.0446, 332.7036

1.5858

287.3872,
310.9511, 395.5914

■ 0.0000, 0.0000,
0.2807

■ 0.0000, 0.0000,
0.0000

■ 41.1286, 45.6416,
66.3165

■ 41.1286, 45.6416,
66.3165

■ 36.0195, 40.5622,
65.6061

■ 47.0150, 51.2675,
67.0929

■ 31.6458, 36.0020,
64.9564

■ 53.7093, 57.4548,
67.9344

■ 27.9678, 31.9393,
64.3661

■ 61.2458, 64.2244,
68.8438

■ 24.9401, 28.3482,
63.8325

■ 69.6553, 71.5943,
69.8231

■ 22.5113, 25.1995,
63.3528

■ 78.9669, 79.5820,
70.8741

■ 20.6213, 22.4597,
62.9236

■ 81.9488, 84.4612,
71.6587

■ 19.1795, 20.0793,
62.5401

■ 84.3057, 89.1749,
72.4444

■ 18.9647, 19.7128,
62.4807

■ 86.7695, 94.1025,
73.2656

■ 88.3853, 97.3341,
73.8042

Harmonies

Analogous

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



38.9296, 45.6416, 60.0986



41.1286, 45.6416, 66.3165



44.0263, 45.6416, 67.8634

Triad

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



41.1286, 45.6416, 66.3165



49.3313, 45.6416, 47.8794



40.0645, 45.6416, 37.6210

Complementary

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



41.1286, 45.6416, 66.3165



46.1904, 45.0853, 34.7028

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.



42.7420, 45.6416, 35.0999



41.1286, 45.6416, 66.3165



48.1593, 45.6416, 40.5688

Square

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



41.1286, 45.6416, 66.3165



48.8511, 45.6416, 56.5549



45.7141, 45.6416, 36.1140



38.3352, 45.6416, 43.4152

Rectangle

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



41.1286, 45.6416, 66.3165



45.9834, 45.6416, 65.8973



45.7141, 45.6416, 36.1140



40.8787, 45.6416, 36.3948

Sweetspot

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



41.1300, 45.6434, 66.3175



84.3172, 90.3286, 107.5989



42.3610, 54.4661, 47.1185



17.6984, 19.0149, 22.9874



0.0000, 0.0000, 0.0000



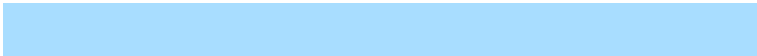
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.1300, 45.6434, 66.3175



60.1728, 67.3987, 104.4455



35.6496, 34.6827, 64.4908



11.7554, 12.6011, 15.0563



11.9160, 12.4786, 38.9731



0.7422, 0.8495, 2.2044

Inverse Universe

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



45.5180, 38.4088, 50.9156



68.3765, 54.6075, 75.4859



52.3520, 57.4084, 36.7567



12.1074, 11.9277, 13.8415



18.6454, 9.3310, 13.5706



1.0808, 0.5371, 0.9605

Previews

White Background



This preview shows how the XYZ color 41.1286, 45.6416, 66.3165 looks on a white background.

Color Contrast Check

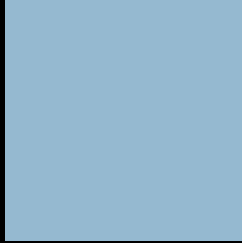
Large Text (above 18pt) WCAG AA × Fail

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 41.1286, 45.6416, 66.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

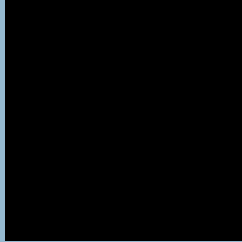
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

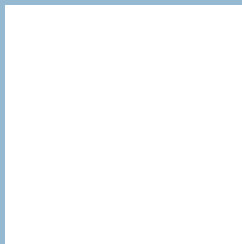
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1286, 45.6416, 66.3165

Background



This preview shows how black text looks on a background with the XYZ color 41.1286, 45.6416, 66.3165.



This preview shows how white text looks on a background with the XYZ color 41.1286, 45.6416,

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

41.1286, 45.6416, 66.3165

Protanopia

44.7240, 45.4305, 63.5385

Deuteranopia

46.2542, 45.2582, 67.2706



Tritanopia

40.1341, 45.5379, 61.9327

Trichromacy



Original Color

41.1286, 45.6416, 66.3165

Protanomaly

43.2692, 45.5625, 64.2715

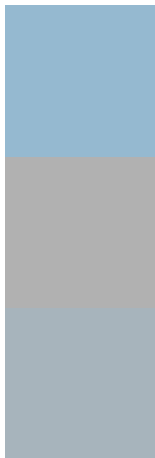
Deuteranomaly

44.2063, 45.3897, 66.7528

Tritanomaly

40.6707, 45.7733, 63.8183

Monochromacy



Original Color

41.1286, 45.6416, 66.3165

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

41.3347, 44.4888, 53.9856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1286, 45.6416, 66.3165 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(149, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 185, 208)  
}
```

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(149, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 185, 208) }
```

Border

The CSS property to change the border of an element to XYZ 41.1286, 45.6416, 66.3165 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(149, 185, 208) }
```


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

```
.border{ border-color:rgb(149, 185, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 185,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1286, 45.6416, 66.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 185, 208) }
```

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

```
.background{ background-color: rgb(149,  
185, 208) }
```

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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