

Converting Colors

XYZ(44.2840, 45.7426, 66.1697)

Have a look what the booklet for
XYZ(44.2840, 45.7426, 66.1697)
contains.

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Color

**XYZ(44.2840, 45.7426,
66.1697)**

Conversions

Conversions Part 1

Format	Color
Hex	AAB4D0
RGB	170, 180, 208
RGB Percent	67%, 71%, 82%
CMY	0.3333, 0.2941, 0.1843
CMYK	0.18, 0.13, 0.00, 0.18
HSL	224°, 29%, 74%
HSV	224°, 18%, 82%
XYZ	44.2840, 45.7426, 66.1697
YIQ	180.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

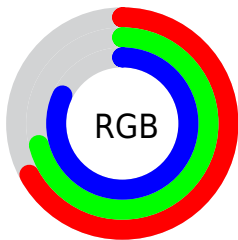
Format	Color
R _{YB}	170, 178, 208
Decimal	11187408
CIE _{Lab}	73.38, 2.37, -15.31
CIE _{LCh}	73, 15.488, 278.799
Yxy	45.7426, 0.2835, 0.2929
Android (android.graphics.Color)	4289377488 (0xFFAAB4D0)
YUV	180.2020, 13.7044, -8.9472
Hunter-Lab	67.6333, -1.4824, -10.6637

Details

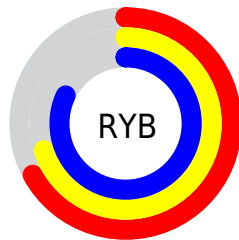
The XYZ color **44.2840, 45.7426, 66.1697** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.4627, 56.7005, 46.1579**, and the grayscale version is **43.4265, 45.6880, 49.7542**.

A 20% lighter version of the original color is **79.4095, 83.3797, 106.5163**, and **20.7582, 21.2937, 33.5879** is the 20% darker color. If you saturate the color by 10%, you get **37.2139, 37.7571, 65.0017**, and if you desaturate by 10%, it is **52.4105, 54.7828, 67.4871**.

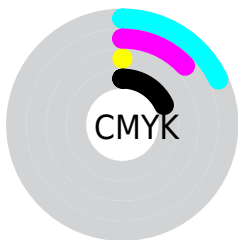
Distribution



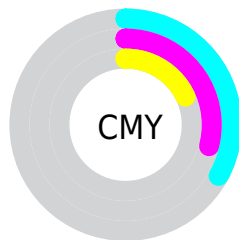
- Red (67%)
- Green (71%)
- Blue (82%)



- Red (67%)
- Yellow (70%)
- Blue (82%)



- Cyan (18%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (33%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2840, 45.7426, 66.1697 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 44.2840, 45.7426, 66.1697 by changing the saturation by 10% instead.

■ 44.2840, 45.7426,
66.1697

■ 44.2840, 45.7426,
66.1697

354.6986,
369.7728, 465.4043

■ 31.0927, 32.0427,
47.9528

■ 80.8886, 83.8336,
115.3592

■ 20.8216, 21.3942,
33.4298

105.0327,
108.9936, 147.1689

■ 13.1054, 13.4124,
22.1821

133.5583,
138.7424, 184.3466

■ 7.5787, 7.7132,
13.7912

166.8310,
173.4645, 227.3109

■ 3.8761, 3.9120,
7.8385

205.2160,
213.5442, 276.4802

■ 1.6323, 1.6244,
3.9055

249.0787,

■ 0.4133, 0.3740,

259.3658, 332.2732

1.5736

298.7845,
311.3139, 395.1084

■ 0.0000, 0.0000,
0.2719

■ 0.0000, 0.0000,
0.0000

■ 44.2840, 45.7426,
66.1697

■ 44.2840, 45.7426,
66.1697

■ 37.2139, 37.7571,
65.0017

■ 52.4105, 54.7828,
67.4871

■ 31.1514, 30.7813,
63.9748

■ 61.6308, 64.9093,
68.9557

■ 26.0502, 24.7752,
63.0843

■ 71.9858, 76.1593,
70.5814

■ 21.8587, 19.6937,
62.3244

■ 83.5130, 88.5665,
72.3687

■ 18.5200, 15.4880,
61.6886

■ 88.3853, 97.3341,
73.8042

■ 15.9703, 12.1045,
61.1699

■ 14.1362, 9.4824,
60.7605

■ 12.9134, 7.5434,
60.4507

■ 12.7395, 7.2625,
60.4056

Harmonies

Analogous

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



41.6080, 45.7426, 65.1600



44.2840, 45.7426, 66.1697



46.8461, 45.7426, 62.4507

Triad

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



44.2840, 45.7426, 66.1697



47.6931, 45.7426, 40.9763



38.7691, 45.7426, 44.5698

Complementary

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



44.2840, 45.7426, 66.1697



53.4627, 56.7005, 46.1579

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.



40.2734, 45.7426, 38.9947



44.2840, 45.7426, 66.1697



45.4011, 45.7426, 37.0757

Square

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



44.2840, 45.7426, 66.1697



48.8676, 45.7426, 47.5439



42.6798, 45.7426, 36.3903



38.4981, 45.7426, 52.1385

Rectangle

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



44.2840, 45.7426, 66.1697



48.1182, 45.7426, 57.9979



42.6798, 45.7426, 36.3903



39.1442, 45.7426, 42.4241

Sweetspot

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



44.2854, 45.7445, 66.1707



87.5898, 91.8135, 107.7130



49.3121, 57.7298, 61.8903



18.5312, 19.4133, 23.0204



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.



44.2854, 45.7445, 66.1707



65.5387, 67.2726, 104.1384



44.3205, 42.8725, 65.6145



11.4131, 11.9165, 14.9422



8.0077, 4.6619, 37.6703



0.5135, 0.3921, 2.1282

Inverse Universe

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



48.6265, 45.4558, 49.3930



73.7354, 66.8988, 72.4213



53.4010, 60.1752, 46.8318



11.9347, 11.8586, 12.9318



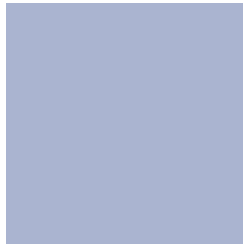
16.6726, 8.5419, 3.1823



0.9654, 0.4909, 0.3526

Previews

White Background



This preview shows how the XYZ color 44.2840, 45.7426, 66.1697 looks on a white background.

Color Contrast Check

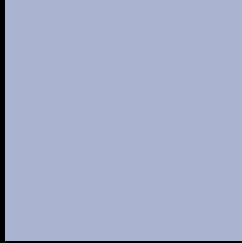
Large Text (above 18pt) WCAG AA × Fail

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 44.2840, 45.7426, 66.1697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

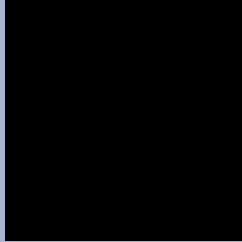
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2840, 45.7426, 66.1697

Background



This preview shows how black text looks on a background with the XYZ color 44.2840, 45.7426, 66.1697.

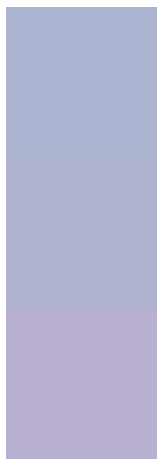


This preview shows how white text looks on a background with the XYZ color 44.2840, 45.7426,

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

44.2840, 45.7426, 66.1697

Protanopia

45.0618, 45.8592, 65.5082

Deuteranopia

46.8011, 45.8445, 66.7038



Tritanopia

42.8402, 45.7663, 58.8004

Trichromacy



Original Color

44.2840, 45.7426, 66.1697

Protanomaly

44.6162, 45.6294, 65.4873

Deuteranomaly

45.8212, 45.6314, 66.7143

Tritanomaly

43.3114, 45.6529, 61.1727

Monochromacy



Original Color

44.2840, 45.7426, 66.1697

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.5200, 45.5903, 55.2213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2840, 45.7426, 66.1697 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(170, 180, 208)` looks like.

```
.text, #text, p{  
    color:rgb(170, 180, 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(170, 180, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 180, 208) }
```

Border

The CSS property to change the border of an element to XYZ 44.2840, 45.7426, 66.1697 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(170, 180, 208) }
```


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

```
.border{ border-color:rgb(170, 180, 208) }
```

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

Here you see how a box with a 4 pixel rgb(170, 180, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 180, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 180, 208);  
box-shadow:4px 4px 4px 4px rgb(170, 180,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2840, 45.7426, 66.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 180, 208) }
```

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

```
.background{ background-color: rgb(170,  
180, 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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