

Converting Colors

XYZ(43.2080, 45.0261, 73.4314)

Have a look what the booklet for
XYZ(43.2080, 45.0261, 73.4314)
contains.

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Color

**XYZ(43.2080, 45.0261,
73.4314)**

Conversions

Conversions Part 1

Format	Color
Hex	9EB4DB
RGB	158, 180, 219
RGB Percent	62%, 71%, 86%
CMY	0.3804, 0.2941, 0.1412
CMYK	0.28, 0.18, 0.00, 0.14
HSL	218°, 46%, 74%
HSV	218°, 28%, 86%
XYZ	43.2080, 45.0261, 73.4314
YIQ	177.8680, -25.6310, 7.4650

Conversions

Conversions Part 2

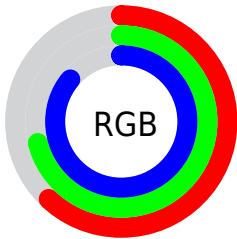
Format	Color
R _Y B	158, 174, 219
Decimal	10400987
CIE Lab	72.91, 1.23, -22.10
CIE LCh	73, 22.132, 273.175
Yxy	45.0261, 0.2673, 0.2785
Android (android.graphics.Color)	4288591067 (0xFF9EB4DB)
YUV	177.8680, 20.2781, -17.4242
Hunter-Lab	67.1015, -2.4879, -17.9120

Details

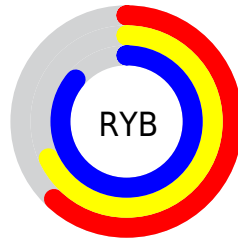
The XYZ color **43.2080, 45.0261, 73.4314** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **55.3519, 57.4616, 40.5229**, and the grayscale version is **42.1542, 44.3495, 48.2967**.

A 20% lighter version of the original color is **75.7770, 81.5070, 106.3463**, and **20.1159, 20.8623, 38.0886** is the 20% darker color. If you saturate the color by 10%, you get **36.5930, 37.6307, 72.3534**, and if you desaturate by 10%, it is **50.8790, 53.3919, 74.6426**.

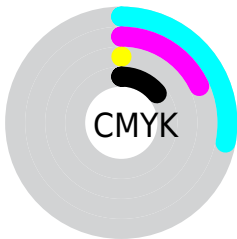
Distribution



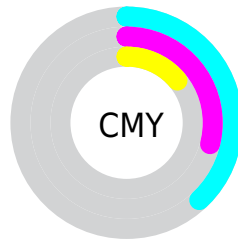
- Red (62%)
- Green (71%)
- Blue (86%)



- Red (62%)
- Yellow (68%)
- Blue (86%)



- Cyan (28%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



- Cyan (38%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.2080, 45.0261, 73.4314 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 43.2080, 45.0261, 73.4314 by changing the saturation by 10% instead.

■ 43.2080, 45.0261,
73.4314

■ 43.2080, 45.0261,
73.4314

350.3735,
366.8793, 491.6194

■ 30.2436, 31.4780,
53.8348

■ 79.2784, 82.7596,
125.8160

■ 20.1725, 20.9631,
38.0773

■ 103.1151,
107.7137, 159.4412

■ 12.6295, 13.0970,
25.7404

131.3066,
137.2387, 198.5796

■ 7.2492, 7.4954,
16.4055

164.2182,
171.7188, 243.6498

■ 3.6661, 3.7738,
9.6541

202.2154,
211.5386, 295.0703

■ 1.5150, 1.5478,
5.0676

245.6634,

■ 0.3360, 0.3221,

257.0823, 353.2597

2.2276

294.9277,
308.7344, 418.6366

■ 0.0000, 0.0000,
0.6902

■ 0.0000, 0.0000,
0.0000

■ 43.2080, 45.0261,
73.4314

■ 43.2080, 45.0261,
73.4314

■ 36.5930, 37.6307,
72.3534

■ 50.8790, 53.3919,
74.6426

■ 30.9806, 31.1624,
71.4007

■ 59.6475, 62.7583,
75.9884

■ 26.3187, 25.5824,
70.5693

■ 69.5581, 73.1608,
77.4739

■ 22.5487, 20.8466,
69.8539

■ 80.6513, 84.6315,
79.1033

■ 19.6047, 16.9065,
69.2486

■ 88.2149, 94.7518,
80.6581

■ 17.4104, 13.7072,
68.7467

■ 89.7863, 97.8945,
81.1819

■ 15.8621, 11.1787,
68.3402

■ 15.5815, 10.7049,
68.2636

Harmonies

Analogous

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



39.5365, 45.0261, 70.5221



43.2080, 45.0261, 73.4314



46.9828, 45.0261, 69.0337

Triad

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



43.2080, 45.0261, 73.4314



49.3068, 45.0261, 38.2998



36.5144, 45.0261, 40.0541

Complementary

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



43.2080, 45.0261, 73.4314



55.3519, 57.4616, 40.5229

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.



38.8655, 45.0261, 33.3135



43.2080, 45.0261, 73.4314



46.2298, 45.0261, 32.4126

Square

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



43.2080, 45.0261, 73.4314



50.6343, 45.0261, 47.8589



42.3865, 45.0261, 30.7331



35.8114, 45.0261, 50.2115

Rectangle

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



43.2080, 45.0261, 73.4314



49.0098, 45.0261, 62.8864



42.3865, 45.0261, 30.7331



37.1309, 45.0261, 37.3679

Sweetspot

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



43.2094, 45.0279, 73.4324



83.9186, 88.2933, 107.2271



49.4692, 61.9475, 61.9541



17.5392, 18.4501, 22.8868



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.



43.2094, 45.0279, 73.4324



55.7455, 57.7282, 102.8123



40.7681, 37.6909, 72.1449



12.7212, 13.3821, 16.5647



9.3338, 6.5371, 40.5082



0.6848, 0.5837, 2.6510

Inverse Universe

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



49.6797, 42.8104, 48.8268



66.3409, 54.5557, 62.4162



58.3298, 66.9617, 42.1997



13.2491, 13.1288, 14.5732



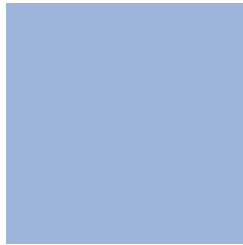
18.2066, 9.2837, 5.4681



1.2199, 0.6176, 0.5672

Previews

White Background



This preview shows how the XYZ color 43.2080, 45.0261, 73.4314 looks on a white background.

Color Contrast Check

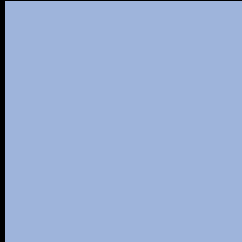
Large Text (above 18pt) WCAG AA × Fail

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 43.2080, 45.0261, 73.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

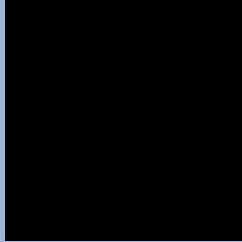
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.2080, 45.0261, 73.4314

Background



This preview shows how black text looks on a background with the XYZ color 43.2080, 45.0261, 73.4314.



This preview shows how white text looks on a background with the XYZ color 43.2080, 45.0261,

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

43.2080, 45.0261, 73.4314

Protanopia

44.8241, 45.0001, 71.9690

Deuteranopia

45.9274, 44.9412, 73.9640



Tritanopia

40.6600, 45.2282, 60.0130

Trichromacy



Original Color

43.2080, 45.0261, 73.4314

Protanomaly

44.3012, 45.0097, 72.6825

Deuteranomaly

45.0026, 45.0466, 74.0331

Tritanomaly

41.5916, 45.2918, 64.9426

Monochromacy



Original Color

43.2080, 45.0261, 73.4314

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

42.5403, 44.7484, 56.8473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2080, 45.0261, 73.4314 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(158, 180, 219)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 219)  
}
```

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(158, 180, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 219) }
```

Border

The CSS property to change the border of an element to XYZ 43.2080, 45.0261, 73.4314 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(158, 180, 219) }
```


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

```
.border{ border-color:rgb(158, 180, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 180, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 180, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 180, 219); box-shadow:4px 4px 4px 4px rgb(158, 180, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2080, 45.0261, 73.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 180, 219) }
```

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

```
.background{ background-color: rgb(158,  
180, 219) }
```

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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