

Converting Colors

XYZ(44.7865, 51.9796, 70.5396)

Have a look what the booklet for
XYZ(44.7865, 51.9796, 70.5396)
contains.

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Color

**XYZ(44.8281, 52.0405,
70.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	95C7D5
RGB	149, 199, 213
RGB Percent	58%, 78%, 84%
CMY	0.4157, 0.2196, 0.1647
CMYK	0.30, 0.07, 0.00, 0.16
HSL	193°, 43%, 71%
HSV	193°, 30%, 84%
XYZ	44.8281, 52.0405, 70.6329
YIQ	185.6460, -34.2940, -6.2460

Conversions

Conversions Part 2

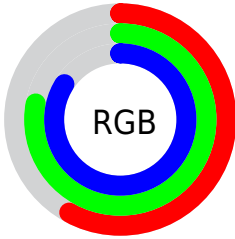
Format	Color
RYB	149, 177, 213
Decimal	9816021
CIELab	77.31, -12.98, -12.26
CIELCh	77, 17.853, 223.379
Yxy	52.0405, 0.2676, 0.3107
Android (android.graphics.Color)	4288006101 (0xFF95C7D5)
YUV	185.6460, 13.4855, -32.1385
Hunter-Lab	72.1391, -15.3214, -7.5547

Details

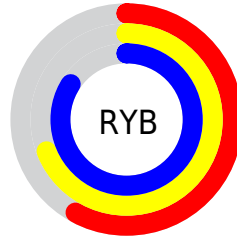
The XYZ color **44.8281, 52.0405, 70.6329** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.9633, 42.5109, 34.2179**, and the grayscale version is **46.4162, 48.8334, 53.1796**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **21.1208, 25.2062, 36.0999** is the 20% darker color. If you saturate the color by 10%, you get **40.2365, 48.1077, 70.1167**, and if you desaturate by 10%, it is **50.1663, 56.4095, 71.1957**.

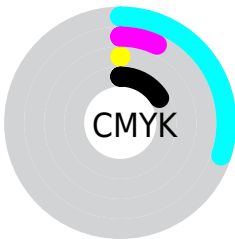
Distribution



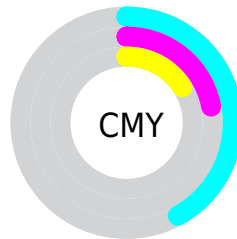
- Red (58%)
- Green (78%)
- Blue (84%)



- Red (58%)
- Yellow (69%)
- Blue (84%)



- Cyan (30%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (42%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8281, 52.0405, 70.6329 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 44.8281, 52.0405, 70.6329 by changing the saturation by 10% instead.

■ 44.8281, 52.0405,
70.6329

■ 44.8281, 52.0405,
70.6329

356.8723,
394.5929, 481.6181

■ 31.5227, 37.0374,
51.5627

■ 81.7011, 93.1910,
121.8004

■ 21.1510, 25.2364,
36.2768

■ 105.9994,
120.1071, 154.7348

■ 13.3475, 16.2533,
24.3566

134.6927,
151.7630, 193.1277

■ 7.7469, 9.7036,
15.3838

168.1464,
188.5430, 237.3976

■ 3.9839, 5.2029,
8.9395

206.7259,
230.8317, 287.9631

■ 1.6930, 2.3668,
4.6055

250.7965,

■ 0.4519, 0.8087,

279.0133, 345.2426

1.9631

300.7235,
333.4722, 409.6548

■ 0.0000, 0.0000,
0.5324

■ 0.0000, 0.0000,
0.0000

■ 44.8281, 52.0405,
70.6329

■ 44.8281, 52.0405,
70.6329

■ 40.2365, 48.1077,
70.1167

■ 50.1663, 56.4095,
71.1957

■ 36.3478, 44.5842,
69.6415

■ 56.2826, 61.2274,
71.8033

■ 33.1208, 41.4497,
69.2066

■ 63.2122, 66.5142,
72.4585

■ 30.5078, 38.6792,
68.8096

■ 70.9867, 72.2866,
73.1630

■ 28.4545, 36.2442,
68.4478

■ 79.4507, 78.4648,
73.9094

■ 26.8966, 34.1111,
68.1181

■ 80.7075, 80.9783,
74.3283

■ 25.7220, 32.2274,
67.8165

■ 81.9987, 83.5607,
74.7587

■ 83.3247, 86.2127,
75.2007

■ 84.6856, 88.9346,
75.6543

Harmonies

Analogous

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



43.3274, 52.0405, 61.1416



44.8281, 52.0405, 70.6329



47.6026, 52.0405, 76.7305

Triad

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



44.8281, 52.0405, 70.6329



56.0471, 52.0405, 62.2323



47.9543, 52.0405, 40.2205

Complementary

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



44.8281, 52.0405, 70.6329



45.9633, 42.5109, 34.2179

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.



51.3711, 52.0405, 40.4406



44.8281, 52.0405, 70.6329



56.1520, 52.0405, 52.4091

Square

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



44.8281, 52.0405, 70.6329



54.1265, 52.0405, 71.5104



54.4067, 52.0405, 44.6688



45.0753, 52.0405, 44.0280

Rectangle

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



44.8281, 52.0405, 70.6329



49.8522, 52.0405, 77.6587



54.4067, 52.0405, 44.6688



49.0757, 52.0405, 39.8404

Sweetspot

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



44.8297, 52.0426, 70.6341



85.5245, 92.7432, 108.0014



42.7887, 56.6187, 43.2623



17.9967, 19.6116, 23.0868



0.0000, 0.0000, 0.0000



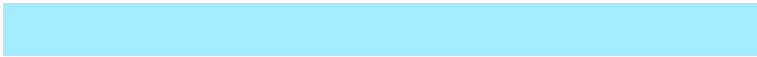
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8297, 52.0426, 70.6341



62.8812, 74.3995, 105.6541



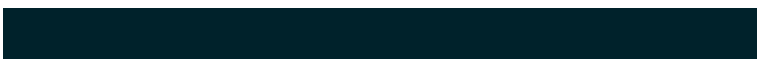
38.2490, 38.8813, 68.4405



12.5510, 13.6255, 15.9060



15.7901, 19.8419, 41.4508



1.0108, 1.3136, 2.5196

Inverse Universe

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



48.4981, 39.7659, 59.1546



69.3568, 53.5191, 85.2127



52.3516, 55.2876, 36.3474



12.8313, 12.5840, 15.0520



21.0290, 10.3479, 23.2543



1.2978, 0.6359, 1.5578

Previews

White Background



This preview shows how the XYZ color 44.8281, 52.0405, 70.6329 looks on a white background.

Color Contrast Check

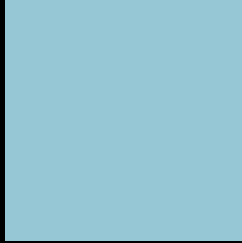
Large Text (above 18pt) WCAG AA × Fail

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 44.8281, 52.0405, 70.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

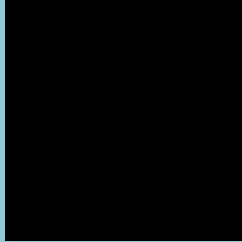
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.8281, 52.0405, 70.6329

Background



This preview shows how black text looks on a background with the XYZ color 44.8281, 52.0405, 70.6329.



This preview shows how white text looks on a background with the XYZ color 44.8281, 52.0405,

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

44.8281, 52.0405, 70.6329

Protanopia

50.4463, 51.7190, 66.3554

Deuteranopia

52.7696, 51.5261, 72.1300



Tritanopia

45.0836, 52.1427, 71.9784

Trichromacy



Original Color

44.8281, 52.0405, 70.6329

Protanomaly

48.0341, 51.7420, 67.7771

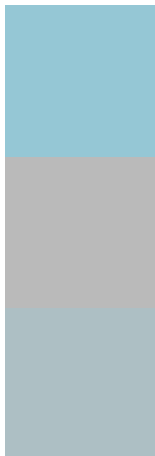
Deuteranomaly

49.5016, 51.4365, 71.6092

Tritanomaly

44.9554, 52.0914, 71.3036

Monochromacy



Original Color

44.8281, 52.0405, 70.6329

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.8282, 50.1314, 59.4855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8281, 52.0405, 70.6329 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, 199, 213)` looks like.

```
.text, #text, p{  
    color:rgb(149, 199, 213)  
}
```

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, 199, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 199, 213) }
```

Border

The CSS property to change the border of an element to XYZ 44.8281, 52.0405, 70.6329 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, 199, 213) }
```


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

```
.border{ border-color:rgb(149, 199, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 199, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 199, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 199, 213);  
box-shadow:4px 4px 4px 4px rgb(149, 199,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8281, 52.0405, 70.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 199, 213) }
```

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

```
.background{ background-color: rgb(149,  
199, 213) }
```

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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