

Converting Colors

XYZ(47.3162, 57.1379, 76.9424)

Have a look what the booklet for
XYZ(47.3162, 57.1379, 76.9424)
contains.

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Color

**XYZ(47.2531, 57.0644,
76.9306)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED2DD
RGB	142, 210, 221
RGB Percent	56%, 82%, 87%
CMY	0.4431, 0.1765, 0.1333
CMYK	0.36, 0.05, 0.00, 0.13
HSL	188°, 54%, 71%
HSV	188°, 36%, 87%
XYZ	47.2531, 57.0644, 76.9306
YIQ	190.9220, -44.0590, -10.9950

Conversions

Conversions Part 2

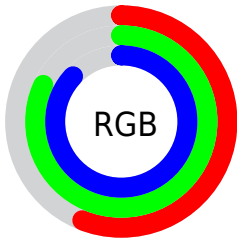
Format	Color
RYB	142, 179, 221
Decimal	9360093
CIELab	80.22, -18.63, -12.24
CIELCh	80, 22.290, 213.316
Yxy	57.0644, 0.2607, 0.3148
Android (android.graphics.Color)	4287550173 (0xFF8ED2DD)
YUV	190.9220, 14.8285, -42.9046
Hunter-Lab	75.5410, -20.5397, -7.5020

Details

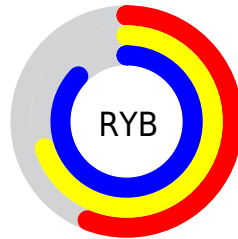
The XYZ color **47.2531, 57.0644, 76.9306** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0935, 40.1085, 30.9050**, and the grayscale version is **49.4126, 51.9859, 56.6126**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **22.5348, 28.2221, 40.3361** is the 20% darker color. If you saturate the color by 10%, you get **43.0788, 53.7970, 76.5209**, and if you desaturate by 10%, it is **52.1971, 60.7530, 77.3830**.

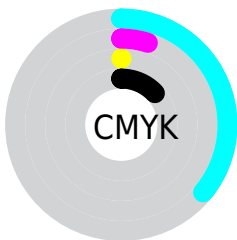
Distribution



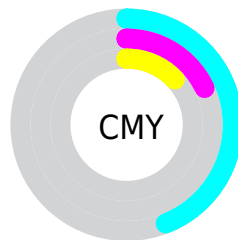
- Red (56%)
- Green (82%)
- Blue (87%)



- Red (56%)
- Yellow (70%)
- Blue (87%)



- Cyan (36%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)





- Cyan (44%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.2531, 57.0644, 76.9306 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 47.2531, 57.0644, 76.9306 by changing the saturation by 10% instead.


 47.2531, 57.0644,
76.9306


 47.2531, 57.0644,
76.9306


366.4560,
413.6906, 503.9588

 33.4446, 41.0569,
56.6847


 85.3077, 100.5591,
130.8136

 22.6281, 28.3636,
40.3445

 110.2846,
128.8152, 165.2878

 14.4383, 18.5999,
27.4914


139.7149,
161.9230, 205.3419

 8.5099, 11.3815,
17.7069

173.9640,
200.2668, 251.3943

 4.4774, 6.3241,
10.5725

213.3973,
244.2311, 303.8637

 1.9756, 3.0431,
5.6696

258.3802,

 0.6202, 1.1543,

294.2002, 363.1685

2.5797

309.2779,
350.5586, 429.7274

■ 0.0000, 0.0239,
0.8820

■ 0.0000, 0.0000,
0.0000

■ 47.2531, 57.0644,
76.9306

■ 47.2531, 57.0644,
76.9306

■ 43.0788, 53.7970,
76.5209

■ 52.1971, 60.7530,
77.3830

■ 39.6245, 50.9209,
76.1478

■ 57.9468, 64.8775,
77.8760

■ 36.8422, 48.4127,
75.8104

■ 64.5419, 69.4597,
78.4129

■ 34.6763, 46.2436,
75.5058

■ 72.0182, 74.5181,
78.9952

■ 33.0618, 44.3799,
75.2312

■ 80.4092, 80.0703,
79.6246

■ 31.9186, 42.7803,
74.9827

■ 82.1625, 82.2229,
79.9477

■ 31.5156, 42.1491,
74.8821

■ 83.0187, 83.9354,
80.2331

■ 83.8902, 85.6782,
80.5236

■ 84.7768, 87.4515,
80.8192

Harmonies

Analogous

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



45.9672, 57.0644, 63.5934



47.2531, 57.0644, 76.9306



50.4047, 57.0644, 87.3067

Triad

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



47.2531, 57.0644, 76.9306



62.4333, 57.0644, 74.0734



53.7337, 57.0644, 40.3331

Complementary

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



47.2531, 57.0644, 76.9306



46.0935, 40.1085, 30.9050

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.



58.2609, 57.0644, 42.3338



47.2531, 57.0644, 76.9306



63.4457, 57.0644, 60.6960

Square

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



47.2531, 57.0644, 76.9306



59.1847, 57.0644, 85.5018



61.8794, 57.0644, 49.3669



49.5749, 57.0644, 43.4654

Rectangle

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



47.2531, 57.0644, 76.9306



53.2264, 57.0644, 90.4772



61.8794, 57.0644, 49.3669



55.2623, 57.0644, 40.4294

Sweetspot

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



47.2548, 57.0667, 76.9319



84.2396, 92.5965, 108.0407



42.7244, 59.7494, 39.2178



17.7676, 19.6360, 23.1036



0.0000, 0.0000, 0.0000



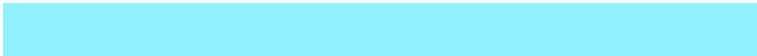
20.3446, 21.4041, 23.3091

Same Dimension

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



47.2548, 57.0667, 76.9319



60.8710, 75.4358, 105.9601



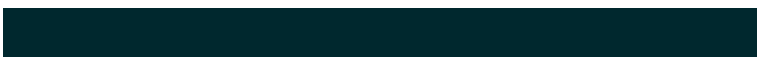
38.7645, 40.0860, 74.1018



13.2823, 14.5043, 16.7517



18.3702, 24.6099, 43.5204



1.2336, 1.6812, 2.8339

Inverse Universe

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



51.1261, 39.3729, 65.8802



67.1078, 47.8935, 87.9392



53.5594, 55.0404, 33.3937



13.5323, 13.2420, 16.0646



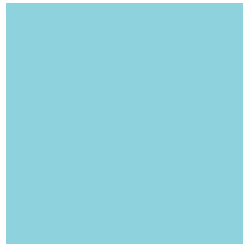
22.7678, 11.1081, 29.4868



1.4969, 0.7284, 2.0258

Previews

White Background



This preview shows how the XYZ color 47.2531, 57.0644, 76.9306 looks on a white background.

Color Contrast Check

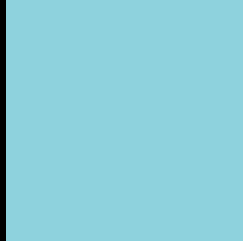
Large Text (above 18pt) WCAG AA × Fail

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 47.2531, 57.0644, 76.9306 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 47.2531, 57.0644, 76.9306

Background



This preview shows how black text looks on a background with the XYZ color 47.2531, 57.0644, 76.9306.

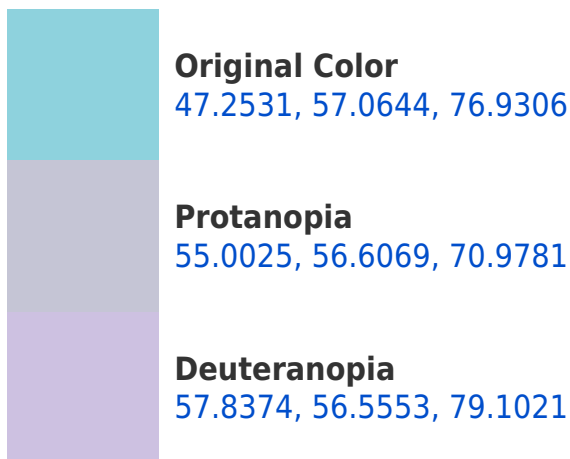


This preview shows how white text looks on a background with the XYZ color 47.2531, 57.0644,

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





Tritanopia

47.8556, 56.9316, 80.4181

Trichromacy



Original Color

47.2531, 57.0644, 76.9306

Protanomaly

51.6467, 56.5460, 73.1582

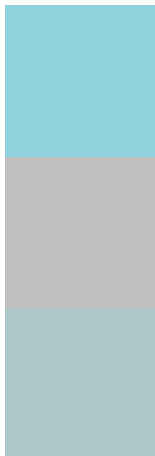
Deuteranomaly

53.1694, 56.1737, 78.5613

Tritanomaly

47.5827, 56.8224, 78.9810

Monochromacy



Original Color

47.2531, 57.0644, 76.9306

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

48.0883, 53.5367, 63.6762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2531, 57.0644, 76.9306 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(142, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(142, 210, 221)  
}
```

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(142, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 47.2531, 57.0644, 76.9306 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(142, 210, 221) }
```


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

```
.border{ border-color:rgb(142, 210, 221) }
```

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

Here you see how a box with a 4 pixel rgb(142, 210, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(142, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2531, 57.0644, 76.9306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 210, 221) }
```

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

```
.background{ background-color: rgb(142,  
210, 221) }
```

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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