

Converting Colors

XYZ(56.8346, 61.2244, 86.9068)

Have a look what the booklet for
XYZ(56.8346, 61.2244, 86.9068)
contains.

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Color

**XYZ(56.6986, 60.9973,
86.6272)**

Conversions

Conversions Part 1

Format	Color
Hex	B6D0EA
RGB	182, 208, 234
RGB Percent	71%, 82%, 92%
CMY	0.2863, 0.1843, 0.0823
CMYK	0.22, 0.11, 0.00, 0.08
HSL	210°, 55%, 82%
HSV	210°, 22%, 92%
XYZ	56.6986, 60.9973, 86.6272
YIQ	203.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

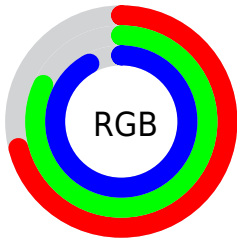
Format	Color
R _Y B	182, 199, 234
Decimal	11981034
CIE Lab	82.38, -3.14, -15.71
CIE LCh	82, 16.017, 258.703
Yxy	60.9973, 0.2775, 0.2985
Android (android.graphics.Color)	4290171114 (0xFFB6D0EA)
YUV	203.1900, 15.1893, -18.5836
Hunter-Lab	78.1008, -7.0912, -11.0923

Details

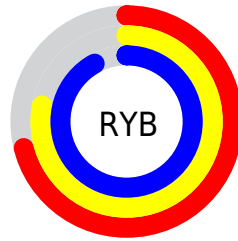
The XYZ color **56.6986, 60.9973, 86.6272** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.9319, 65.9820, 53.5711**, and the grayscale version is **56.8039, 59.7621, 65.0809**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.4936, 30.9147, 46.5849** is the 20% darker color. If you saturate the color by 10%, you get **48.8797, 52.8885, 85.4752**, and if you desaturate by 10%, it is **65.6551, 70.0079, 87.8954**.

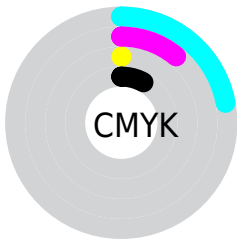
Distribution



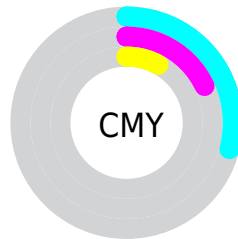
- Red (71%)
- Green (82%)
- Blue (92%)



- Red (71%)
- Yellow (78%)
- Blue (92%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (18%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6986, 60.9973, 86.6272 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 56.6986, 60.9973, 86.6272 by changing the saturation by 10% instead.

■ 56.6986, 60.9973,
86.6272

■ 56.6986, 60.9973,
86.6272

402.3514,
428.2641, 537.2814

■ 41.0025, 44.2230,
64.6289

■ 99.1592, 106.2750,
144.5387

■ 28.5087, 30.8459,
46.7108

126.6544,
135.5472, 181.2889

■ 18.8519, 20.4815,
32.4544

158.8133,
169.7542, 223.7936

■ 11.6667, 12.7455,
21.4411

196.0013,
209.2803, 272.4711

■ 6.5877, 7.2536,
13.2524

238.5838,
254.5099, 327.7401

■ 3.2496, 3.6212,
7.4698

286.9260,

■ 1.2871, 1.4640,

305.8275, 390.0192

3.6748

341.3935,
363.6175, 459.7268

■ 0.1735, 0.2632,
1.4487

■ 0.0000, 0.0000,
0.1792

■ 56.6986, 60.9973,
86.6272

■ 56.6986, 60.9973,
86.6272

■ 48.8797, 52.8885,
85.4752

■ 65.6551, 70.0079,
87.8954

■ 42.1424, 45.6415,
84.4314

■ 75.7905, 79.9437,
89.2790

■ 36.4341, 39.2237,
83.4935

■ 87.1511, 90.8361,
90.7826

■ 31.6953, 33.5972,
82.6573

■ 91.7880, 98.5936,
92.0356

■ 27.8596, 28.7205,
81.9181

■ 91.8515, 98.7206,
92.0568

■ 24.8512, 24.5466,
81.2711

■ 22.5796, 21.0209,
80.7103

■ 21.2138, 18.6653,
80.3276

Harmonies

Analogous

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



53.7476, 60.9973, 81.5777



56.6986, 60.9973, 86.6272



60.1083, 60.9973, 85.8786

Triad

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



56.6986, 60.9973, 86.6272



64.4241, 60.9973, 60.5635



53.1791, 60.9973, 54.7563

Complementary

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



56.6986, 60.9973, 86.6272



64.9319, 65.9820, 53.5711

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.



55.8949, 60.9973, 50.1408



56.6986, 60.9973, 86.6272



62.4208, 60.9973, 53.2593

Square

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



56.6986, 60.9973, 86.6272



64.6600, 60.9973, 70.1702



59.2727, 60.9973, 49.6212



51.7695, 60.9973, 62.7976

Rectangle

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



56.6986, 60.9973, 86.6272



62.1817, 60.9973, 82.2075



59.2727, 60.9973, 49.6212



53.9645, 60.9973, 52.7880

Sweetspot

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



56.7005, 60.9998, 86.6286



86.0039, 91.2079, 107.6797



59.9944, 73.3035, 70.1053



18.2487, 19.3657, 23.0261



0.0000, 0.0000, 0.0000



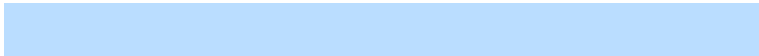
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7005, 60.9998, 86.6286



64.0812, 69.1680, 104.5811



51.0502, 49.6993, 84.7452



14.8535, 15.7935, 19.1878



12.0468, 10.7406, 45.1812



1.0422, 1.0358, 3.5799

Inverse Universe

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



62.0463, 55.5040, 67.1203



71.8254, 61.6390, 76.2238



71.5530, 79.2243, 55.7782



15.3796, 15.1797, 17.2843



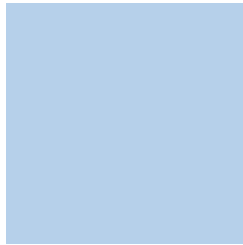
20.9360, 10.5771, 10.7301



1.6925, 0.8500, 1.0983

Previews

White Background



This preview shows how the XYZ color 56.6986, 60.9973, 86.6272 looks on a white background.

Color Contrast Check

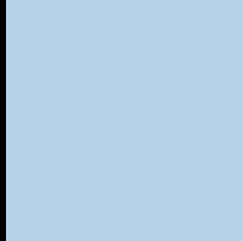
Large Text (above 18pt) WCAG AA × Fail

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 56.6986, 60.9973, 86.6272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

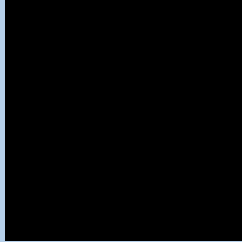
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

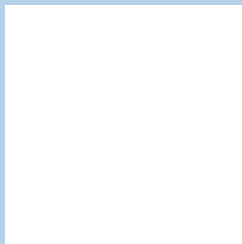
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6986, 60.9973, 86.6272

Background



This preview shows how black text looks on a background with the XYZ color 56.6986, 60.9973, 86.6272.



This preview shows how white text looks on a background with the XYZ color 56.6986, 60.9973,

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

56.6986, 60.9973, 86.6272

Protanopia

59.5992, 60.7608, 84.1881

Deuteranopia

62.3729, 61.0663, 87.8565



Tritanopia

55.3503, 60.7952, 80.7689

Trichromacy



Original Color

56.6986, 60.9973, 86.6272

Protanomaly

58.3891, 60.8263, 85.0071

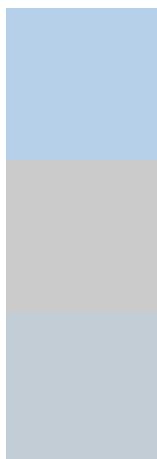
Deuteranomaly

60.1707, 60.9894, 87.1981

Tritanomaly

55.9994, 61.0818, 82.9672

Monochromacy



Original Color

56.6986, 60.9973, 86.6272

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.4746, 60.1198, 72.2461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6986, 60.9973, 86.6272 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(182, 208, 234)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 234)  
}
```

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(182, 208, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 234) }
```

Border

The CSS property to change the border of an element to XYZ 56.6986, 60.9973, 86.6272 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(182, 208, 234) }
```


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

```
.border{ border-color:rgb(182, 208, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 234);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6986, 60.9973, 86.6272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 234) }
```

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

```
.background{ background-color: rgb(182,  
208, 234) }
```

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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