

Converting Colors

XYZ(53.7701, 56.9198, 80.0014)

Have a look what the booklet for
XYZ(53.7701, 56.9198, 80.0014)
contains.

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Color

**XYZ(53.6731, 56.7446,
80.0754)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C8E2
RGB	182, 200, 226
RGB Percent	71%, 78%, 89%
CMY	0.2863, 0.2157, 0.1137
CMYK	0.19, 0.12, 0.00, 0.11
HSL	215°, 43%, 80%
HSV	215°, 19%, 89%
XYZ	53.6731, 56.7446, 80.0754
YIQ	197.5820, -19.0740, 4.2700

Conversions

Conversions Part 2

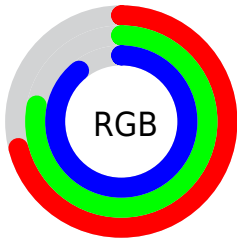
Format	Color
R _Y B	182, 195, 226
Decimal	11978978
CIE Lab	80.04, -0.67, -14.95
CIE LCh	80, 14.963, 267.439
Yxy	56.7446, 0.2818, 0.2979
Android (android.graphics.Color)	4290169058 (0xFFB6C8E2)
YUV	197.5820, 14.0101, -13.6654
Hunter-Lab	75.3290, -4.6417, -10.2955

Details

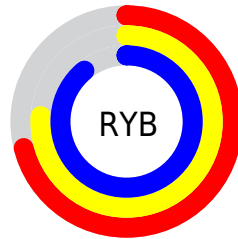
The XYZ color **53.6731, 56.7446, 80.0754** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3638, 64.6578, 53.4505**, and the grayscale version is **53.3503, 56.1287, 61.1241**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.6828, 28.1652, 42.5582** is the 20% darker color. If you saturate the color by 10%, you get **45.8019, 48.2958, 78.8604**, and if you desaturate by 10%, it is **62.6792, 66.1823, 81.4233**.

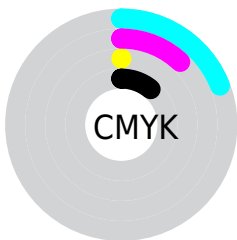
Distribution



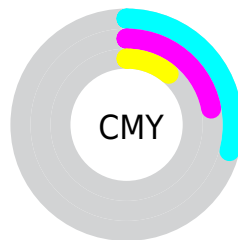
- Red (71%)
- Green (78%)
- Blue (89%)



- Red (71%)
- Yellow (76%)
- Blue (89%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6731, 56.7446, 80.0754 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 53.6731, 56.7446, 80.0754 by changing the saturation by 10% instead.

■ 53.6731, 56.7446,
80.0754

■ 53.6731, 56.7446,
80.0754

391.0809,
412.4916, 514.9004

■ 38.5700, 40.8002,
59.2539

■ 94.7538, 100.0924,
135.2841

■ 26.6046, 28.1630,
42.3962

121.4621,
128.2647, 170.5083

■ 17.4115, 18.4486,
29.0837

152.7696,
161.2817, 211.3706

■ 10.6255, 11.2725,
18.8981

189.0415,
199.5278, 258.2893

■ 5.8810, 6.2504,
11.4206

230.6432,
243.3875, 311.6831

■ 2.8128, 2.9980,
6.2327

277.9401,

■ 1.0556, 1.1307,

293.2450, 371.9705

2.9160

331.2976,
349.4850, 439.5701

■ 0.0000, 0.0040,
1.0519

■ 0.0000, 0.0000,
0.0000

■ 53.6731, 56.7446,
80.0754

■ 53.6731, 56.7446,
80.0754

■ 45.8019, 48.2958,
78.8604

■ 62.6792, 66.1823,
81.4233

■ 39.0124, 40.7941,
77.7703

■ 72.8602, 76.6351,
82.9043

■ 33.2545, 34.2042,
76.8018

■ 84.2603, 88.1367,
84.5235

■ 28.4718, 28.4863,
75.9502

■ 90.2249, 97.2657,
85.9712

■ 24.6021, 23.5964,
75.2103

■ 90.7276, 98.2711,
86.1387

■ 21.5750, 19.4863,
74.5765

■ 19.3085, 16.1006,
74.0425

■ 17.6726, 13.3586,
73.5994

■ 17.5954, 13.2266,
73.5780

Harmonies

Analogous

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



50.8470, 56.7446, 77.0056



53.6731, 56.7446, 80.0754



56.6743, 56.7446, 77.8757

Triad

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



53.6731, 56.7446, 80.0754



59.2932, 56.7446, 54.3834



49.1532, 56.7446, 53.2014

Complementary

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



53.6731, 56.7446, 80.0754



62.3638, 64.6578, 53.4505

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.



51.2835, 56.7446, 48.0794



53.6731, 56.7446, 80.0754



57.1435, 56.7446, 48.7154

Square

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



53.6731, 56.7446, 80.0754



59.9906, 56.7446, 62.5368



54.1958, 56.7446, 46.5165



48.2995, 56.7446, 61.0397

Rectangle

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



53.6731, 56.7446, 80.0754



58.3578, 56.7446, 73.8216



54.1958, 56.7446, 46.5165



49.7397, 56.7446, 51.1339

Sweetspot

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



53.6748, 56.7469, 80.0767



86.8270, 91.5800, 107.7082



57.8330, 68.8765, 69.7071



18.4004, 19.4121, 23.0271



0.0000, 0.0000, 0.0000



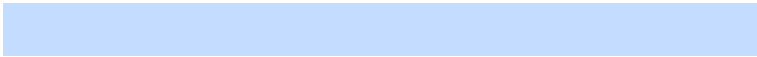
20.3446, 21.4041, 23.3091

Same Dimension

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



53.6748, 56.7469, 80.0767



66.5903, 70.3712, 104.6811



50.6254, 49.3455, 78.8088



13.4103, 14.1596, 17.4140



10.1482, 7.7659, 42.0125



0.7899, 0.7112, 2.9409

Inverse Universe

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



58.5186, 53.7961, 61.9456



74.0232, 66.0836, 76.8049



65.8672, 73.3534, 54.9442



13.9385, 13.7931, 15.4466



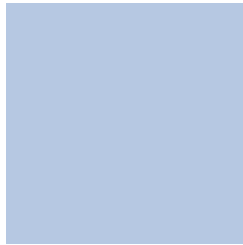
19.0625, 9.6920, 6.9951



1.3650, 0.6893, 0.7147

Previews

White Background



This preview shows how the XYZ color 53.6731, 56.7446, 80.0754 looks on a white background.

Color Contrast Check

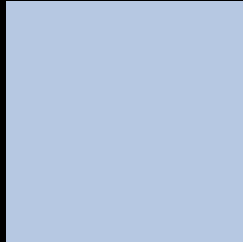
Large Text (above 18pt) WCAG AA × Fail

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 53.6731, 56.7446, 80.0754 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 53.6731, 56.7446, 80.0754

Background



This preview shows how black text looks on a background with the XYZ color 53.6731, 56.7446, 80.0754.



This preview shows how white text looks on a background with the XYZ color 53.6731, 56.7446,

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

53.6731, 56.7446, 80.0754

Protanopia

55.6689, 56.7837, 78.5473

Deuteranopia

57.8369, 56.5233, 80.5348



Tritanopia

52.2334, 56.4863, 73.7956

Trichromacy



Original Color

53.6731, 56.7446, 80.0754

Protanomaly

55.0199, 56.7716, 79.2923

Deuteranomaly

56.3700, 56.7617, 80.6581

Tritanomaly

52.8610, 56.7644, 75.8807

Monochromacy



Original Color

53.6731, 56.7446, 80.0754

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5468, 56.6074, 67.7786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6731, 56.7446, 80.0754 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, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 200, 226)  
}
```

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, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 200, 226) }
```

Border

The CSS property to change the border of an element to XYZ 53.6731, 56.7446, 80.0754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

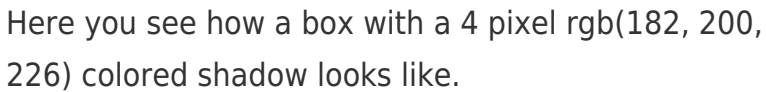
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 200, 226) }
```


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

```
.border{ border-color:rgb(182, 200, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 200, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 200, 226); box-shadow:4px 4px 4px 4px rgb(182, 200, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6731, 56.7446, 80.0754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 200, 226) }
```

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

```
.background{ background-color: rgb(182,  
200, 226) }
```

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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