

Converting Colors

XYZ(53.5643, 56.3898, 79.2736)

Have a look what the booklet for
XYZ(53.5643, 56.3898, 79.2736)
contains.

XYZ(53.5425, 56.3504, 79.2889)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.5425, 56.3504,
79.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	B7C7E1
RGB	183, 199, 225
RGB Percent	72%, 78%, 88%
CMY	0.2823, 0.2196, 0.1176
CMYK	0.19, 0.12, 0.00, 0.12
HSL	217°, 41%, 80%
HSV	217°, 19%, 88%
XYZ	53.5425, 56.3504, 79.2889
YIQ	197.1800, -17.8820, 4.6940

Conversions

Conversions Part 2

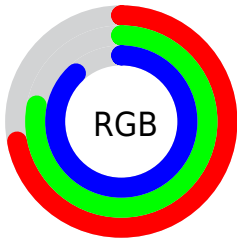
Format	Color
R _Y B	183, 195, 225
Decimal	12044257
CIE Lab	79.81, -0.04, -14.74
CIE LCh	80, 14.740, 269.831
Yxy	56.3504, 0.2830, 0.2979
Android (android.graphics.Color)	4290234337 (0xFFB7C7E1)
YUV	197.1800, 13.7153, -12.4359
Hunter-Lab	75.0669, -4.0495, -10.0778

Details

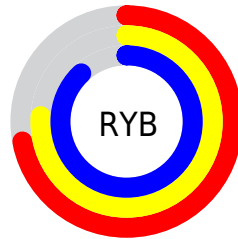
The XYZ color **53.5425, 56.3504, 79.2889** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3996, 65.0274, 54.0638**, and the grayscale version is **53.1085, 55.8743, 60.8471**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **26.5870, 27.8989, 42.0140** is the 20% darker color. If you saturate the color by 10%, you get **45.5537, 47.6919, 78.0396**, and if you desaturate by 10%, it is **62.6836, 66.0412, 80.6785**.

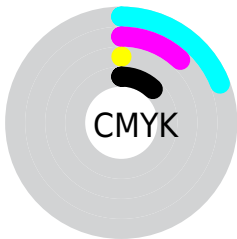
Distribution



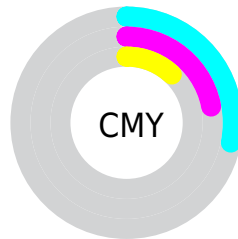
- Red (72%)
- Green (78%)
- Blue (88%)



- Red (72%)
- Yellow (76%)
- Blue (88%)



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



- Cyan (28%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5425, 56.3504, 79.2889 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 53.5425, 56.3504, 79.2889 by changing the saturation by 10% instead.

■ 53.5425, 56.3504,
79.2889

■ 53.5425, 56.3504,
79.2889

390.5899,
411.0107, 512.1766

■ 38.4652, 40.4839,
58.6106

■ 94.5630, 99.5167,
134.1678

■ 26.5228, 27.9161,
41.8818

121.2370,
127.5853, 169.2056

■ 17.3499, 18.2624,
28.6839

152.5072,
160.4902, 209.8670

■ 10.5811, 11.1385,
18.5983

188.7391,
198.6155, 256.5705

■ 5.8511, 6.1601,
11.2065

230.2979,
242.3459, 309.7346

■ 2.7946, 2.9427,
6.0900

277.5491,

■ 1.0461, 1.1019,

292.0656, 369.7780

2.8302

330.8580,
348.1591, 437.1192

■ 0.0000, 0.0000,
1.0086

■ 0.0000, 0.0000,
0.0000

■ 53.5425, 56.3504,
79.2889

■ 53.5425, 56.3504,
79.2889

■ 45.5537, 47.6919,
78.0396

■ 62.6836, 66.0412,
80.6785

■ 38.6635, 40.0221,
76.9223

■ 73.0171, 76.7919,
82.2090

■ 32.8218, 33.3044,
75.9336

■ 84.5877, 88.6376,
83.8856

■ 27.9719, 27.4971,
75.0683

■ 90.4996, 98.0340,
85.3877

■ 24.0516, 22.5546,
74.3209

■ 90.5908, 98.2163,
85.4181

■ 20.9908, 18.4267,
73.6855

■ 18.7077, 15.0566,
73.1553

■ 17.0841, 12.3672,
72.7218

■ 16.8968, 12.0484,
72.6701

Harmonies

Analogous

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



50.7288, 56.3504, 76.6789



53.5425, 56.3504, 79.2889



56.4631, 56.3504, 76.7349

Triad

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



53.5425, 56.3504, 79.2889



58.6898, 56.3504, 53.5432



48.7528, 56.3504, 53.4668

Complementary

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



53.5425, 56.3504, 79.2889



62.3996, 65.0274, 54.0638

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.



50.7570, 56.3504, 48.1827



53.5425, 56.3504, 79.2889



56.4933, 56.3504, 48.2239

Square

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



53.5425, 56.3504, 79.2889



59.5012, 56.3504, 61.4043



53.5762, 56.3504, 46.3540



48.0269, 56.3504, 61.3077

Rectangle

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



53.5425, 56.3504, 79.2889



58.0622, 56.3504, 72.5715



53.5762, 56.3504, 46.3540



49.2956, 56.3504, 51.3600

Sweetspot

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



53.5442, 56.3527, 79.2902



86.6962, 91.3184, 107.6646



57.9510, 68.5173, 70.4286



18.3695, 19.3504, 23.0168



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.



53.5442, 56.3527, 79.2902



67.2420, 70.6790, 104.7061



51.2397, 49.9832, 78.1822



13.3779, 14.0950, 17.4032



9.8410, 7.1515, 41.9101



0.7667, 0.6648, 2.9332

Inverse Universe

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



58.2950, 53.9995, 61.3859



74.5951, 67.2427, 76.9485



65.0190, 72.5016, 55.3684



13.9222, 13.7865, 15.3607



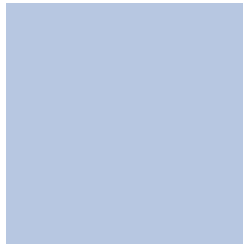
18.9075, 9.6300, 6.1784



1.3532, 0.6846, 0.6530

Previews

White Background



This preview shows how the XYZ color 53.5425, 56.3504, 79.2889 looks on a white background.

Color Contrast Check

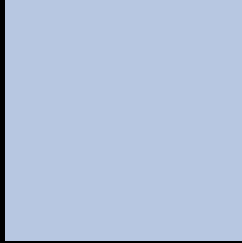
Large Text (above 18pt) WCAG AA × Fail

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 53.5425, 56.3504, 79.2889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

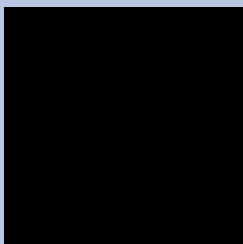
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

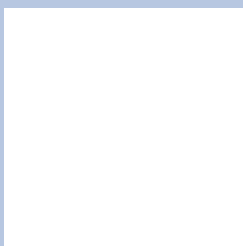
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5425, 56.3504, 79.2889

Background



This preview shows how black text looks on a background with the XYZ color 53.5425, 56.3504, 79.2889.



This preview shows how white text looks on a background with the XYZ color 53.5425, 56.3504,

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

53.5425, 56.3504, 79.2889

Protanopia

55.0515, 56.1450, 77.7476

Deuteranopia

57.4260, 56.3274, 79.7971



Tritanopia

52.1050, 56.0902, 73.0460

Trichromacy



Original Color

53.5425, 56.3504, 79.2889

Protanomaly

54.4071, 56.1331, 78.4882

Deuteranomaly

56.0075, 56.2570, 79.8583

Tritanomaly

52.7319, 56.3681, 75.1187

Monochromacy



Original Color

53.5425, 56.3504, 79.2889

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.1948, 56.0996, 67.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5425, 56.3504, 79.2889 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(183, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 225)  
}
```

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(183, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.5425, 56.3504, 79.2889 is called "border". The border property can be set on classes, ids or directly on the HTML element.

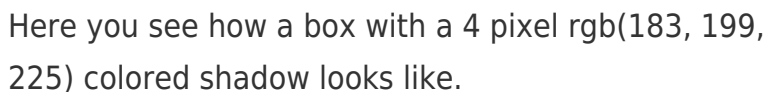
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 199, 225) }
```


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

```
.border{ border-color:rgb(183, 199, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 199, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 199, 225); box-shadow:4px 4px 4px 4px rgb(183, 199, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5425, 56.3504, 79.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 225) }
```

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

```
.background{ background-color: rgb(183,  
199, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor