

Converting Colors

XYZ(53.8739, 56.6813, 79.3053)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 79.3053)
contains.

XYZ(53.7812, 56.4734, 79.3001)	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(53.7812, 56.4734,
79.3001)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C7E1
RGB	184, 199, 225
RGB Percent	72%, 78%, 88%
CMY	0.2784, 0.2196, 0.1176
CMYK	0.18, 0.12, 0.00, 0.12
HSL	218°, 41%, 80%
HSV	218°, 18%, 88%
XYZ	53.7812, 56.4734, 79.3001
YIQ	197.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

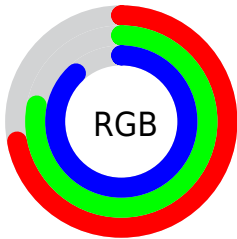
Format	Color
RYB	184, 195, 225
Decimal	12109793
CIELab	79.88, 0.27, -14.63
CIELCh	80, 14.631, 271.054
Yxy	56.4734, 0.2837, 0.2979
Android (android.graphics.Color)	4290299873 (0xFFB8C7E1)
YUV	197.4790, 13.5679, -11.8211
Hunter-Lab	75.1488, -3.7645, -9.9611

Details

The XYZ color **53.7812, 56.4734, 79.3001** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7502, 65.5616, 54.6961**, and the grayscale version is **53.2898, 56.0650, 61.0548**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **26.7412, 27.9784, 42.0212** is the 20% darker color. If you saturate the color by 10%, you get **45.6841, 47.6536, 78.0254**, and if you desaturate by 10%, it is **63.0467, 66.3553, 80.7201**.

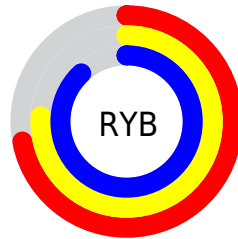
Distribution



Red (72%)

Green (78%)

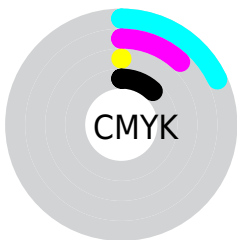
Blue (88%)



Red (72%)

Yellow (76%)

Blue (88%)

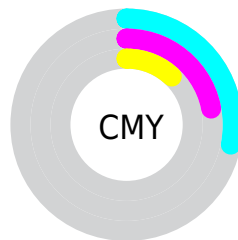


Cyan (18%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (28%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7812, 56.4734, 79.3001 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 53.7812, 56.4734, 79.3001 by changing the saturation by 10% instead.

■ 53.7812, 56.4734,
79.3001

■ 53.7812, 56.4734,
79.3001

391.4871,
411.4731, 512.2154

■ 38.6567, 40.5826,
58.6198

■ 94.9117, 99.6964,
134.1838

■ 26.6723, 27.9931,
41.8891

121.6484,
127.7974, 169.2242

■ 17.4626, 18.3204,
28.6896

152.9866,
160.7372, 209.8884

■ 10.6622, 11.1803,
18.6026

189.2916,
198.9003, 256.5950

■ 5.9058, 6.1882,
11.2096

230.9289,
242.6711, 309.7624

■ 2.8280, 2.9599,
6.0920

278.2636,

■ 1.0635, 1.1108,

292.4339, 369.8093

2.8314

331.6612,
348.5731, 437.1541

■ 0.0000, 0.0000,
1.0092

■ 0.0000, 0.0000,
0.0000

■ 53.7812, 56.4734,
79.3001

■ 53.7812, 56.4734,
79.3001

■ 45.6841, 47.6536,
78.0254

■ 63.0467, 66.3553,
80.7201

■ 38.7016, 39.8514,
76.8874

■ 73.5214, 77.3280,
82.2859

■ 32.7826, 33.0288,
75.8825

■ 85.2502, 89.4278,
84.0032

■ 27.8705, 27.1429,
75.0053

■ 90.5908, 98.2163,
85.4181

■ 23.9022, 22.1469,
74.2501

■ 20.8074, 17.9892,
73.6107

■ 18.5042, 14.6116,
73.0802

■ 16.8789, 11.9381,
72.6498

■ 16.6330, 11.5207,
72.5822

Harmonies

Analogous

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



50.9643, 56.4734, 76.9114



53.7812, 56.4734, 79.3001



56.6709, 56.4734, 76.5633

Triad

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



53.7812, 56.4734, 79.3001



58.7094, 56.4734, 53.4469



48.8408, 56.4734, 53.9220

Complementary

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



53.7812, 56.4734, 79.3001



62.7502, 65.5616, 54.6961

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.



50.7890, 56.4734, 48.5374



53.7812, 56.4734, 79.3001



56.4828, 56.4734, 48.2814

Square

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



53.7812, 56.4734, 79.3001



59.5800, 56.4734, 61.1901



53.5715, 56.4734, 46.5685



48.1760, 56.4734, 61.7907

Rectangle

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



53.7812, 56.4734, 79.3001



58.2330, 56.4734, 72.3337



53.5715, 56.4734, 46.5685



49.3637, 56.4734, 51.7880

Sweetspot

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



53.7829, 56.4757, 79.3014



87.9887, 92.6112, 107.8460



58.3222, 68.6934, 71.1374



18.6279, 19.6068, 23.0526



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.



53.7829, 56.4757, 79.3014



67.0198, 70.2347, 104.6321



51.8346, 50.5972, 78.2694



13.3607, 14.0604, 17.3974



9.6865, 6.8425, 41.8586



0.7548, 0.6410, 2.9292

Inverse Universe

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



58.5020, 54.4135, 61.4548



74.4829, 67.1979, 76.3580



64.9522, 72.4551, 55.9106



13.9135, 13.7830, 15.3147



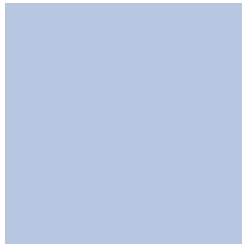
18.8295, 9.5988, 5.7679



1.3472, 0.6822, 0.6213

Previews

White Background



This preview shows how the XYZ color 53.7812, 56.4734, 79.3001 looks on a white background.

Color Contrast Check

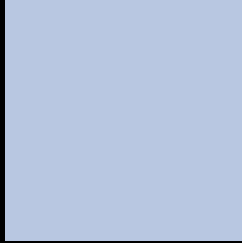
Large Text (above 18pt) WCAG AA × Fail

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 53.7812, 56.4734, 79.3001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

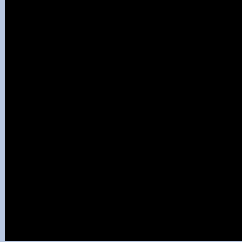
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7812, 56.4734, 79.3001

Background



This preview shows how black text looks on a background with the XYZ color 53.7812, 56.4734, 79.3001.



This preview shows how white text looks on a background with the XYZ color 53.7812, 56.4734,

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

53.7812, 56.4734, 79.3001

Protanopia

55.3073, 56.2769, 77.7596

Deuteranopia

57.6993, 56.4683, 79.8099



Tritanopia

52.3404, 56.2115, 73.0570

Trichromacy



Original Color

53.7812, 56.4734, 79.3001

Protanomaly

54.6560, 56.2615, 78.4999

Deuteranomaly

56.2685, 56.3915, 79.8705

Tritanomaly

52.9689, 56.4903, 75.1298

Monochromacy



Original Color

53.7812, 56.4734, 79.3001

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 53.7812, 56.4734, 79.3001 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(184, 199, 225)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 199, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 199, 225) }
```

Border

The CSS property to change the border of an element to XYZ 53.7812, 56.4734, 79.3001 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(184, 199, 225) }
```


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

```
.border{ border-color:rgb(184, 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(184, 199, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 199, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 199, 225);  
box-shadow:4px 4px 4px 4px rgb(184, 199,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7812, 56.4734, 79.3001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 199, 225) }
```

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

```
.background{ background-color: rgb(184,  
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](#).

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