

Converting Colors

XYZ(52.1564, 56.3235, 79.3567)

Have a look what the booklet for XYZ(52.1564, 56.3235, 79.3567) contains.

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Color

**XYZ(52.1564, 56.3235,
79.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC9E1
RGB	175, 201, 225
RGB Percent	69%, 79%, 88%
CMY	0.3137, 0.2117, 0.1176
CMYK	0.22, 0.11, 0.00, 0.12
HSL	209°, 45%, 78%
HSV	209°, 22%, 88%
XYZ	52.1564, 56.3235, 79.3567
YIQ	195.9620, -23.2000, 1.9520

Conversions

Conversions Part 2

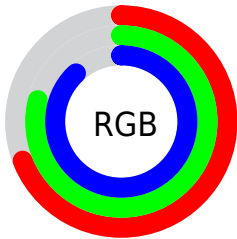
Format	Color
R_{YB}	175, 192, 225
Decimal	11520481
CIE _{Lab}	79.80, -3.57, -14.82
CIE _{LCh}	80, 15.242, 256.446
Yxy	56.3235, 0.2777, 0.2999
Android (android.graphics.Color)	4289710561 (0xFFAFC9E1)
YUV	195.9620, 14.3157, -18.3837
Hunter-Lab	75.0490, -7.2845, -10.1589

Details

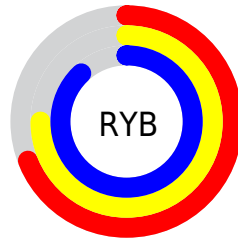
The XYZ color **52.1564, 56.3235, 79.3567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2131, 59.9495, 49.0092**, and the grayscale version is **52.3748, 55.1024, 60.0065**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **25.7155, 27.9073, 42.0615** is the 20% darker color. If you saturate the color by 10%, you get **45.0918, 49.0762, 78.3311**, and if you desaturate by 10%, it is **60.2428, 64.3632, 80.4832**.

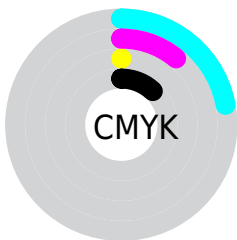
Distribution



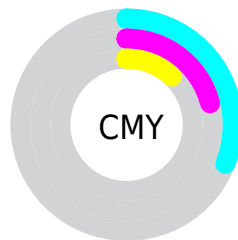
- Red (69%)
- Green (79%)
- Blue (88%)



- Red (69%)
- Yellow (75%)
- Blue (88%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (12%)



- Cyan (31%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1564, 56.3235, 79.3567 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 52.1564, 56.3235, 79.3567 by changing the saturation by 10% instead.

■ 52.1564, 56.3235,
79.3567

■ 52.1564, 56.3235,
79.3567

385.3542,
410.9095, 512.4117

■ 37.3545, 40.4624,
58.6661

■ 92.5347, 99.4774,
134.2641

■ 25.6570, 27.8992,
41.9261

118.8419,
127.5390, 169.3180

■ 16.6986, 18.2497,
28.7183

149.7148,
160.4361, 209.9967

■ 10.1138, 11.1294,
18.6241

185.5190,
198.5532, 256.7188

■ 5.5373, 6.1539,
11.2249

226.6196,
242.2747, 309.9028

■ 2.6038, 2.9389,
6.1023

273.3821,

■ 0.9479, 1.0999,

291.9850, 369.9673

2.8376

326.1718,
348.0685, 437.3307

■ 0.0000, 0.0000,
1.0123

■ 0.0000, 0.0000,
0.0000

■ 52.1564, 56.3235,
79.3567

■ 52.1564, 56.3235,
79.3567

■ 45.0918, 49.0762,
78.3311

■ 60.2428, 64.3632,
80.4832

■ 38.9987, 42.5856,
77.3994

■ 69.3882, 73.2153,
81.7099

■ 33.8297, 36.8234,
76.5596

■ 79.6341, 82.9078,
83.0407

■ 29.5315, 31.7561,
75.8081

■ 87.2417, 91.5181,
84.3017

■ 26.0442, 27.3471,
75.1409

■ 90.5904, 98.2156,
85.4179

■ 23.2997, 23.5551,
74.5536

■ 90.5908, 98.2163,
85.4180

■ 21.2168, 20.3318,
74.0412

■ 19.9534, 18.1616,
73.6889

Harmonies

Analogous

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



49.5520, 56.3235, 74.4722



52.1564, 56.3235, 79.3567



55.2297, 56.3235, 79.0937

Triad

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



52.1564, 56.3235, 79.3567



59.4231, 56.3235, 56.6447



49.3514, 56.3235, 50.3563

Complementary

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



52.1564, 56.3235, 79.3567



59.2131, 59.9495, 49.0092

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.



51.8730, 56.3235, 46.4421



52.1564, 56.3235, 79.3567



57.7234, 56.3235, 49.8270

Square

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



52.1564, 56.3235, 79.3567



59.5062, 56.3235, 65.3925



54.9352, 56.3235, 46.2581



47.9750, 56.3235, 57.4331

Rectangle

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



52.1564, 56.3235, 79.3567



57.1333, 56.3235, 76.0230



54.9352, 56.3235, 46.2581



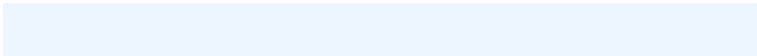
50.0888, 56.3235, 48.6581

Sweetspot

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



52.1581, 56.3258, 79.3580



86.1128, 91.4255, 107.7160



54.8370, 67.0580, 63.6822



18.2739, 19.4161, 23.0345



0.0000, 0.0000, 0.0000



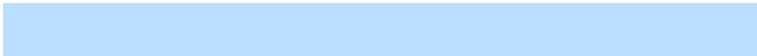
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1581, 56.3258, 79.3580



64.4456, 69.8968, 104.7025



46.9273, 45.8642, 77.6144



13.5388, 14.4167, 17.4568



11.6157, 10.7010, 42.5017



0.8947, 0.9208, 2.9758

Inverse Universe

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



56.9252, 50.8858, 62.0826



72.0094, 61.7126, 77.1923



65.2670, 72.0573, 51.0271



14.0034, 13.8190, 15.7882



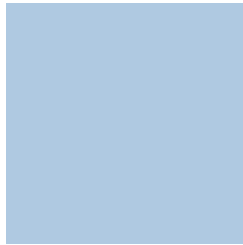
19.8033, 9.9883, 10.8958



1.4179, 0.7104, 0.9932

Previews

White Background



This preview shows how the XYZ color 52.1564, 56.3235, 79.3567 looks on a white background.

Color Contrast Check

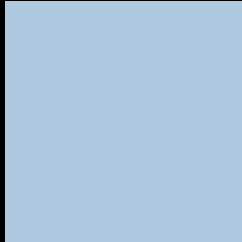
Large Text (above 18pt) WCAG AA × Fail

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 52.1564, 56.3235, 79.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

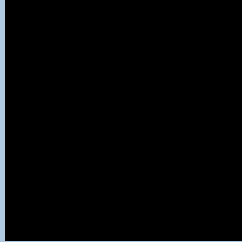
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

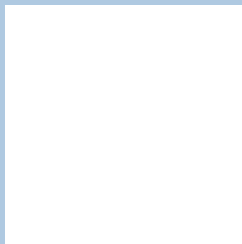
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1564, 56.3235, 79.3567

Background



This preview shows how black text looks on a background with the XYZ color 52.1564, 56.3235, 79.3567.



This preview shows how white text looks on a background with the XYZ color 52.1564, 56.3235,

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

52.1564, 56.3235, 79.3567

Protanopia

55.1729, 56.2231, 77.0515

Deuteranopia

57.5637, 56.3825, 80.5220



Tritanopia

51.2310, 56.3017, 74.4968

Trichromacy



Original Color

52.1564, 56.3235, 79.3567

Protanomaly

54.0069, 56.2807, 77.8288

Deuteranomaly

55.4597, 56.3083, 79.8971

Tritanomaly

51.6272, 56.4602, 76.5835

Monochromacy



Original Color

52.1564, 56.3235, 79.3567

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.1956, 55.5845, 67.0094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1564, 56.3235, 79.3567 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(175, 201, 225)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 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(175, 201, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 225) }
```

Border

The CSS property to change the border of an element to XYZ 52.1564, 56.3235, 79.3567 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(175, 201, 225) }
```


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

```
.border{ border-color:rgb(175, 201, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 225);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1564, 56.3235, 79.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 225) }
```

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

```
.background{ background-color: rgb(175,  
201, 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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