

Converting Colors

XYZ(53.3047, 56.8251, 85.2532)

Have a look what the booklet for
XYZ(53.3047, 56.8251, 85.2532)
contains.

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Color

**XYZ(53.2738, 56.7704,
85.2408)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC9E9
RGB	175, 201, 233
RGB Percent	69%, 79%, 91%
CMY	0.3137, 0.2117, 0.0863
CMYK	0.25, 0.14, 0.00, 0.09
HSL	213°, 57%, 80%
HSV	213°, 25%, 91%
XYZ	53.2738, 56.7704, 85.2408
YIQ	196.8740, -25.7680, 4.4400

Conversions

Conversions Part 2

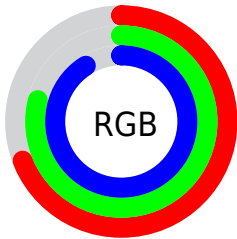
Format	Color
R _Y B	175, 193, 233
Decimal	11520489
CIE Lab	80.05, -1.76, -18.72
CIE LCh	80, 18.807, 264.634
Yxy	56.7704, 0.2728, 0.2907
Android (android.graphics.Color)	4289710569 (0xFFAFC9E9)
YUV	196.8740, 17.8101, -19.1835
Hunter-Lab	75.3461, -5.6466, -14.3338

Details

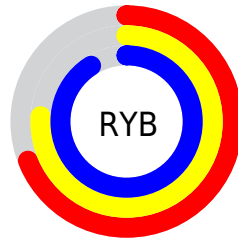
The XYZ color **53.2738, 56.7704, 85.2408** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.6557, 65.0448, 49.7588**, and the grayscale version is **52.9034, 55.6585, 60.6121**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **26.2547, 28.1067, 45.6363** is the 20% darker color. If you saturate the color by 10%, you get **45.6166, 48.5603, 84.0606**, and if you desaturate by 10%, it is **62.0876, 65.9518, 86.5494**.

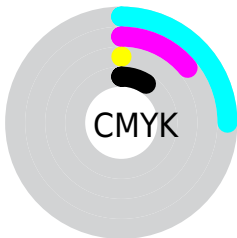
Distribution



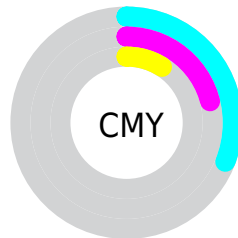
- Red (69%)
- Green (79%)
- Blue (91%)



- Red (69%)
- Yellow (76%)
- Blue (91%)



- Cyan (25%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.2738, 56.7704, 85.2408 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 53.2738, 56.7704, 85.2408 by changing the saturation by 10% instead.

■ 53.2738, 56.7704,
85.2408

■ 53.2738, 56.7704,
85.2408

389.5784,
412.5884, 532.5899

■ 38.2497, 40.8209,
63.4891

■ 94.1703, 100.1301,
142.5867

■ 26.3547, 28.1792,
45.7934

120.7734,
128.3091, 179.0180

■ 17.2232, 18.4608,
31.7354

151.9670,
161.3334, 221.1795

■ 10.4901, 11.2813,
20.8963

188.1163,
199.5874, 269.4898

■ 5.7898, 6.2564,
12.8577

229.5868,
243.4556, 324.3675

■ 2.7571, 3.0016,
7.2011

276.7437,

■ 1.0267, 1.1326,

293.3222, 386.2310

3.5078

329.9524,
349.5716, 455.4990

■ 0.0000, 0.0056,
1.3594

■ 0.0000, 0.0000,
0.1098

■ 53.2738, 56.7704,
85.2408

■ 53.2738, 56.7704,
85.2408

■ 45.6166, 48.5603,
84.0606

■ 62.0876, 65.9518,
86.5494

■ 39.0584, 41.2786,
83.0008

■ 72.1016, 76.1315,
87.9865

■ 33.5440, 34.8888,
82.0581

■ 83.3635, 87.3442,
89.5572

■ 29.0111, 29.3490,
81.2277

■ 90.8912, 97.0294,
91.0299

■ 25.3900, 24.6130,
80.5044

■ 91.7082, 98.6633,
91.3022

■ 22.6004, 20.6286,
79.8823

■ 20.5453, 17.3345,
79.3548

■ 19.7045, 15.8760,
79.1176

Harmonies

Analogous

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



49.8133, 56.7704, 80.6264



53.2738, 56.7704, 85.2408



57.0820, 56.7704, 83.0005

Triad

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



53.2738, 56.7704, 85.2408



60.9226, 56.7704, 53.4442



48.1814, 56.7704, 50.4077

Complementary

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



53.2738, 56.7704, 85.2408



63.6557, 65.0448, 49.7588

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.



50.9512, 56.7704, 44.5784



53.2738, 56.7704, 85.2408



58.3276, 56.7704, 46.1811

Square

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



53.2738, 56.7704, 85.2408



61.6159, 56.7704, 63.8038



54.6492, 56.7704, 43.1273



46.9635, 56.7704, 59.8647

Rectangle

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



53.2738, 56.7704, 85.2408



59.2915, 56.7704, 78.0433



54.6492, 56.7704, 43.1273



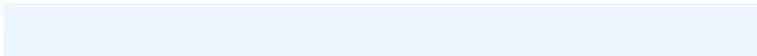
48.9554, 56.7704, 48.0055

Sweetspot

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



53.2756, 56.7727, 85.2421



85.7237, 90.6474, 107.5863



58.0696, 71.8931, 69.7848



18.1839, 19.2359, 23.0045



0.0000, 0.0000, 0.0000



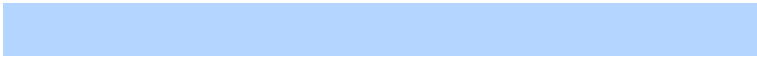
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2756, 56.7727, 85.2421



60.2679, 64.2299, 103.8289



48.3765, 45.9978, 83.4205



14.7872, 15.6608, 19.1657



11.3004, 9.2478, 44.9324



0.9821, 0.9157, 3.5599

Inverse Universe

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



59.4783, 52.2021, 62.2020



69.2444, 58.0938, 70.3785



69.5431, 78.2136, 51.9903



15.3461, 15.1663, 17.1081



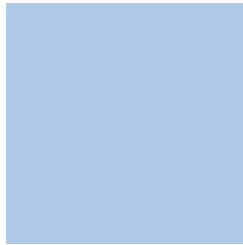
20.5592, 10.4264, 8.7462



1.6622, 0.8379, 0.9386

Previews

White Background



This preview shows how the XYZ color 53.2738, 56.7704, 85.2408 looks on a white background.

Color Contrast Check

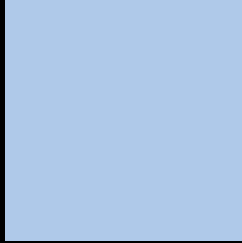
Large Text (above 18pt) WCAG AA × Fail

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 53.2738, 56.7704, 85.2408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

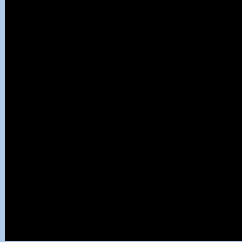
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

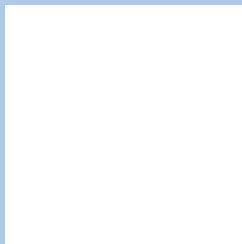
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2738, 56.7704, 85.2408

Background



This preview shows how black text looks on a background with the XYZ color 53.2738, 56.7704, 85.2408.



This preview shows how white text looks on a background with the XYZ color 53.2738, 56.7704,

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

53.2738, 56.7704, 85.2408

Protanopia

55.9874, 56.8521, 82.8856

Deuteranopia

58.1066, 56.8611, 86.5100



Tritanopia

51.2875, 56.6498, 75.9415

Trichromacy



Original Color

53.2738, 56.7704, 85.2408

Protanomaly

54.8676, 56.5968, 83.6337

Deuteranomaly

56.3034, 56.9494, 85.8667

Tritanomaly

51.9447, 56.5615, 79.4139

Monochromacy



Original Color

53.2738, 56.7704, 85.2408

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8132, 55.8601, 68.9713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2738, 56.7704, 85.2408 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 233) }
```

Border

The CSS property to change the border of an element to XYZ 53.2738, 56.7704, 85.2408 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, 233) }
```


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

```
.border{ border-color:rgb(175, 201, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 233);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2738, 56.7704, 85.2408 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, 233) }
```

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

```
.background{ background-color: rgb(175,  
201, 233) }
```

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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