

Converting Colors

XYZ(58.2570, 54.3559,
125.9900)

Have a look what the booklet for
XYZ(58.2570, 54.3559, 125.9900)
contains.

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Color

**XYZ(53.7032, 52.6139,
101.9328)**

Conversions

Conversions Part 1

Format	Color
Hex	AEBDFE
RGB	174, 189, 255
RGB Percent	68%, 74%, 100%
CMY	0.3176, 0.2588, 0.0000
CMYK	0.32, 0.26, 0.00, 0.00
HSL	229°, 100%, 84%
HSV	229°, 32%, 100%
XYZ	53.7032, 52.6139, 101.9328
YIQ	192.0390, -30.1260, 17.3460

Conversions

Conversions Part 2

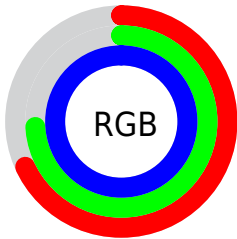
Format	Color
RYB	174, 187, 255
Decimal	11451903
CIELab	77.65, 9.71, -34.19
CIELCh	78, 35.542, 285.849
Yxy	52.6139, 0.2579, 0.2526
Android (android.graphics.Color)	4289641983 (0xFFAEBDFF)
YUV	192.0390, 31.0398, -15.8202
Hunter-Lab	72.5354, 5.2194, -32.5444

Details

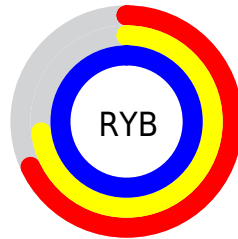
The XYZ color **53.7032, 52.6139, 101.9328** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.0405, 86.6364, 52.5502**, and the grayscale version is **49.9643, 52.5663, 57.2447**.

A 20% lighter version of the original color is **83.6574, 89.5137, 107.4764**, and **26.6050, 25.6075, 56.9666** is the 20% darker color. If you saturate the color by 10%, you get **44.3985, 41.6518, 100.3073**, and if you desaturate by 10%, it is **64.7297, 65.4164, 103.8227**.

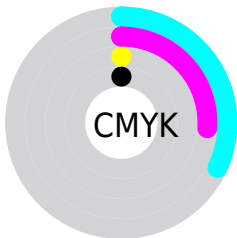
Distribution



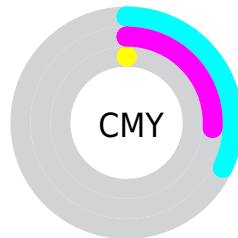
- Red (68%)
- Green (74%)
- Blue (100%)



- Red (68%)
- Yellow (73%)
- Blue (100%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7032, 52.6139, 101.9328 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 53.7032, 52.6139, 101.9328 by changing the saturation by 10% instead.

■ 53.7032, 52.6139,
101.9328

■ 53.7032, 52.6139,
101.9328

391.1941,
396.8020, 587.6713

■ 38.5942, 37.4946,
77.2898

■ 94.7978, 94.0360,
165.8858

■ 26.6235, 25.5907,
56.9778

121.5140,
121.1076, 206.0328

■ 17.4257, 16.5177,
40.5782

152.8300,
152.9321, 252.1850

■ 10.6357, 9.8912,
27.6724

189.1111,
189.8939, 304.7608

■ 5.8879, 5.3269,
17.8420

230.7228,
232.3774, 364.1788

■ 2.8170, 2.4403,
10.6683

278.0302,

■ 1.0578, 0.8465,

280.7670, 430.8575

5.7329

331.3989,
335.4471, 505.2155

■ 0.0000, 0.0000,
2.6172

■ 0.0000, 0.0000,
0.9013

■ 53.7032, 52.6139,
101.9328

■ 53.7032, 52.6139,
101.9328

■ 44.3985, 41.6518,
100.3073

■ 64.7297, 65.4164,
103.8227

■ 36.7225, 32.4384,
98.9335

■ 77.5551, 80.1333,
105.9874

■ 30.5806, 24.8830,
97.7989

■ 92.2575, 96.8419,
108.4376

■ 25.8658, 18.8839,
96.8894

95.0500, 100.0000,
108.9000

■ 22.4572, 14.3278,
96.1897

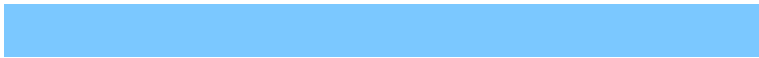
■ 20.2119, 11.0845,
95.6820

■ 19.0755, 9.2710,
95.3918

Harmonies

Analogous

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



46.8475, 52.6139, 102.3597



53.7032, 52.6139, 101.9328



60.0977, 52.6139, 87.8868

Triad

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



53.7032, 52.6139, 101.9328



59.7852, 52.6139, 34.2041



38.2613, 52.6139, 48.5275

Complementary

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



53.7032, 52.6139, 101.9328



80.0405, 86.6364, 52.5502

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.



41.1158, 52.6139, 34.7696



53.7032, 52.6139, 101.9328



53.3074, 52.6139, 27.8763

Square

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



53.7032, 52.6139, 101.9328



63.8226, 52.6139, 47.5638



46.4862, 52.6139, 28.0563



38.3461, 52.6139, 68.2537

Rectangle

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



53.7032, 52.6139, 101.9328



63.0562, 52.6139, 74.2021



46.4862, 52.6139, 28.0563



38.8967, 52.6139, 43.1612

Sweetspot

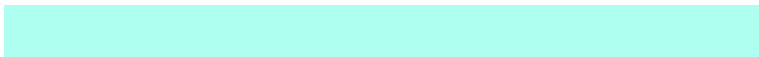
The Sweet Spot groups the original color and five complimentary colors.



53.7048, 52.6159, 101.9331



80.0091, 82.9327, 106.3984



68.7670, 86.7393, 94.6251



16.7056, 17.2724, 22.7034



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.



53.7048, 52.6159, 101.9331



47.7044, 45.5676, 100.8889



56.5553, 49.5405, 101.1892



17.2751, 17.9218, 22.7987



10.0449, 4.9994, 49.8701



1.0474, 0.6256, 4.8788

Inverse Universe

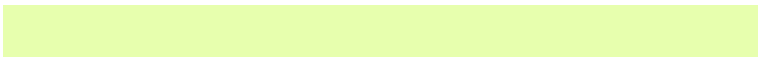
The Inverse Universe completely reimagines the original color for something new.



65.5625, 55.2078, 55.3469



61.3249, 48.8842, 47.3011



76.2590, 91.5154, 53.6913



18.1467, 18.0420, 19.3899



21.8584, 11.2327, 2.6389



2.1633, 1.1077, 0.4414

Previews

White Background



This preview shows how the XYZ color 53.7032, 52.6139, 101.9328 looks on a white background.

Color Contrast Check

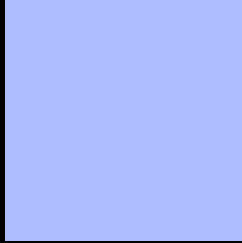
Large Text (above 18pt) WCAG AA × Fail

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 53.7032, 52.6139, 101.9328 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 53.7032, 52.6139, 101.9328

Background



This preview shows how black text looks on a background with the XYZ color 53.7032, 52.6139, 101.9328.



This preview shows how white text looks on a background with the XYZ color 53.7032, 52.6139,

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

53.7032, 52.6139, 101.9328

Protanopia

53.4812, 52.4994, 101.9224

Deuteranopia

53.9268, 52.7292, 101.9432



Tritanopia

47.4935, 52.7359, 70.6267

Trichromacy



Original Color

53.7032, 52.6139, 101.9328

Protanomaly

53.4812, 52.4994, 101.9224

Deuteranomaly

53.9268, 52.7292, 101.9432

Tritanomaly

49.4438, 52.5098, 80.9282

Monochromacy



Original Color

53.7032, 52.6139, 101.9328

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.9041, 52.4822, 71.7371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7032, 52.6139, 101.9328 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(174, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 255)  
}
```

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(174, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 53.7032, 52.6139, 101.9328 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(174, 189, 255) }
```


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

```
.border{ border-color:rgb(174, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7032, 52.6139, 101.9328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 255) }
```

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

```
.background{ background-color: rgb(174,  
189, 255) }
```

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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