

Converting Colors

XYZ(28.3360, 26.7081, 54.7384)

Have a look what the booklet for
XYZ(28.3360, 26.7081, 54.7384)
contains.

XYZ(28.3561, 26.7729, 54.7121)	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(28.3561, 26.7729,
54.7121)**

Conversions

Conversions Part 1

Format	Color
Hex	8589C2
RGB	133, 137, 194
RGB Percent	52%, 54%, 76%
CMY	0.4784, 0.4627, 0.2392
CMYK	0.31, 0.29, 0.00, 0.24
HSL	236°, 33%, 64%
HSV	236°, 31%, 76%
XYZ	28.3561, 26.7729, 54.7121
YIQ	142.3020, -20.6810, 16.8790

Conversions

Conversions Part 2

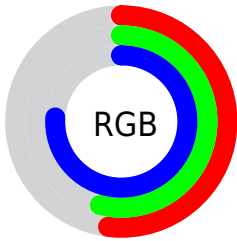
Format	Color
RYB	133, 137, 194
Decimal	8751554
CIELab	58.76, 11.84, -30.10
CIElCh	59, 32.345, 291.473
Yxy	26.7729, 0.2582, 0.2437
Android (android.graphics.Color)	4286941634 (0xFF8589C2)
YUV	142.3020, 25.4871, -8.1579
Hunter-Lab	51.7425, 7.2727, -26.4729

Details

The XYZ color **28.3561, 26.7729, 54.7121** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8957, 49.9901, 29.4740**, and the grayscale version is **25.7395, 27.0799, 29.4901**.

A 20% lighter version of the original color is **56.5651, 54.4833, 98.8018**, and **11.5352, 10.4592, 26.2218** is the 20% darker color. If you saturate the color by 10%, you get **23.2075, 20.6098, 53.7943**, and if you desaturate by 10%, it is **34.5052, 34.0956, 55.8019**.

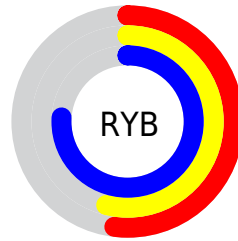
Distribution



Red (52%)

Green (54%)

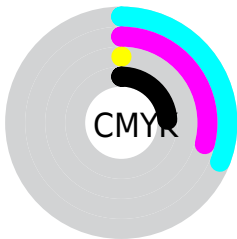
Blue (76%)



Red (52%)

Yellow (54%)

Blue (76%)

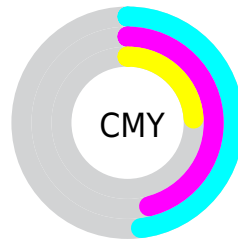


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (24%)



Cyan (48%)

Magenta (46%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3561, 26.7729, 54.7121 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 28.3561, 26.7729, 54.7121 by changing the saturation by 10% instead.

■ 28.3561, 26.7729,
54.7121

■ 28.3561, 26.7729,
54.7121

286.2139,
286.5559, 422.0708

■ 18.7361, 17.4027,
38.7742

■ 56.4571, 54.5192,
98.5859

■ 11.5826, 10.5220,
26.2777

■ 75.6689, 73.6642,
127.3590

■ 6.5303, 5.7464,
16.8038

■ 98.8086, 96.8362,
161.2475

■ 3.2138, 2.6915,
9.9343

126.2416,
124.4197, 200.6700

■ 1.2678, 0.9729,
5.2504

158.3333,
156.7990, 246.0450

■ 0.1589, 0.0000,
2.3336

195.4490,

■ 0.0000, 0.0000,

194.3585, 297.7911

0.7499

237.9541,
237.4827, 356.3269

■ 0.0000, 0.0000,
0.0000

■ 28.3561, 26.7729,
54.7121

■ 28.3561, 26.7729,
54.7121

■ 23.2075, 20.6098,
53.7943

■ 34.5052, 34.0956,
55.8019

■ 19.0037, 15.5438,
53.0381

■ 41.7009, 42.6298,
57.0699

■ 15.6881, 11.5114,
52.4345

■ 49.9897, 52.4281,
58.5243

■ 13.1966, 8.4412,
51.9732

■ 59.4148, 63.5390,
60.1722

■ 11.4566, 6.2527,
51.6425

■ 70.0168, 76.0085,
62.0202

■ 10.3827, 4.8523,
51.4288

■ 81.8342, 89.8805,
64.0750

■ 9.8781, 4.1759,
51.3248

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



24.3276, 26.7729, 56.6839



28.3561, 26.7729, 54.7121



31.9243, 26.7729, 45.0676

Triad

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



28.3561, 26.7729, 54.7121



30.5242, 26.7729, 15.1332



18.5965, 26.7729, 26.0170

Complementary

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



28.3561, 26.7729, 54.7121



44.8957, 49.9901, 29.4740

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.



19.9108, 26.7729, 17.5075



28.3561, 26.7729, 54.7121



26.5999, 26.7729, 12.3892

Square

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



28.3561, 26.7729, 54.7121



33.2641, 26.7729, 21.8333



22.7437, 26.7729, 13.1273



18.9616, 26.7729, 37.9448

Rectangle

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



28.3561, 26.7729, 54.7121



33.4255, 26.7729, 36.6946



22.7437, 26.7729, 13.1273



18.8511, 26.7729, 22.7195

Sweetspot

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



28.3570, 26.7739, 54.7127



78.8259, 81.1099, 103.9710



38.2523, 47.2855, 55.7884



16.7967, 17.2116, 22.6868



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.



28.3570, 26.7739, 54.7127



44.5166, 40.3037, 97.9029



32.5101, 28.0863, 54.7471



9.5802, 9.8517, 12.6815



6.5166, 2.7897, 33.7516



0.3002, 0.1578, 1.4645

Inverse Universe

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



35.1518, 30.0514, 27.6158



58.8777, 47.3686, 40.6011



39.5824, 48.5550, 29.4770



10.0994, 10.0884, 10.6139



14.6852, 7.5639, 0.9887



0.6439, 0.3306, 0.0923

Previews

White Background



This preview shows how the XYZ color 28.3561, 26.7729, 54.7121 looks on a white background.

Color Contrast Check

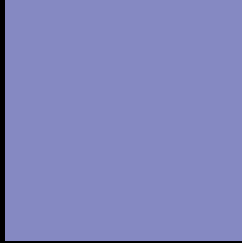
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3561, 26.7729, 54.7121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

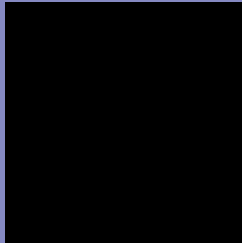
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3561, 26.7729, 54.7121

Background



This preview shows how black text looks on a background with the XYZ color 28.3561, 26.7729, 54.7121.



This preview shows how white text looks on a background with the XYZ color 28.3561, 26.7729,

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

28.3561, 26.7729, 54.7121

Protanopia

27.5086, 26.7358, 55.9352

Deuteranopia

27.3157, 26.6755, 54.1613



Tritanopia

24.4315, 26.7068, 35.3197

Trichromacy



Original Color

28.3561, 26.7729, 54.7121

Protanomaly

27.6912, 26.6291, 55.3102

Deuteranomaly

27.6162, 26.6164, 54.1340

Tritanomaly

25.6827, 26.5412, 41.7996

Monochromacy



Original Color

28.3561, 26.7729, 54.7121

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4586, 26.8183, 37.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3561, 26.7729, 54.7121 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(133, 137, 194)` looks like.

```
.text, #text, p{  
    color:rgb(133, 137, 194)  
}
```

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(133, 137, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 137, 194) }
```

Border

The CSS property to change the border of an element to XYZ 28.3561, 26.7729, 54.7121 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(133, 137, 194) }
```


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

```
.border{ border-color:rgb(133, 137, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 137, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 137, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 137, 194);  
box-shadow:4px 4px 4px 4px rgb(133, 137,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3561, 26.7729, 54.7121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 137, 194) }
```

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

```
.background{ background-color: rgb(133,  
137, 194) }
```

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