

Converting Colors

XYZ(29.1157, 28.1232, 53.4464)

Have a look what the booklet for
XYZ(29.1157, 28.1232, 53.4464)
contains.

XYZ(29.0822, 28.0456, 53.1708)	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(29.0822, 28.0456,
53.1708)**

Conversions

Conversions Part 1

Format	Color
Hex	888DBF
RGB	136, 141, 191
RGB Percent	53%, 55%, 75%
CMY	0.4667, 0.4470, 0.2510
CMYK	0.29, 0.26, 0.00, 0.25
HSL	235°, 30%, 64%
HSV	235°, 29%, 75%
XYZ	29.0822, 28.0456, 53.1708
YIQ	145.2050, -19.0300, 14.4900

Conversions

Conversions Part 2

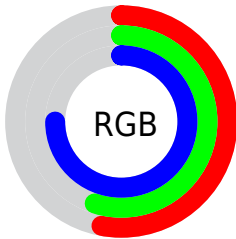
Format	Color
RYB	136, 141, 191
Decimal	8949183
CIELab	59.93, 9.64, -26.58
CIElCh	60, 28.276, 289.935
Yxy	28.0456, 0.2637, 0.2543
Android (android.graphics.Color)	4287139263 (0xFF888DBF)
YUV	145.2050, 22.5769, -8.0728
Hunter-Lab	52.9581, 5.3475, -22.4575

Details

The XYZ color **29.0822, 28.0456, 53.1708** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.4892, 47.9721, 30.2609**, and the grayscale version is **26.9143, 28.3160, 30.8361**.

A 20% lighter version of the original color is **57.6936, 56.7547, 96.7209**, and **11.9126, 11.1731, 25.1957** is the 20% darker color. If you saturate the color by 10%, you get **23.8896, 21.8619, 52.2514**, and if you desaturate by 10%, it is **35.2308, 35.3193, 54.2512**.

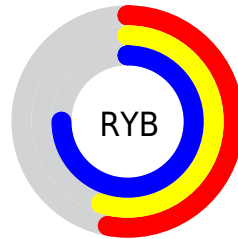
Distribution



Red (53%)

Green (55%)

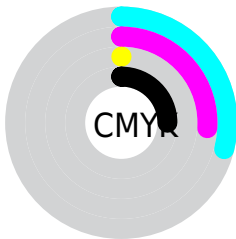
Blue (75%)



Red (53%)

Yellow (55%)

Blue (75%)

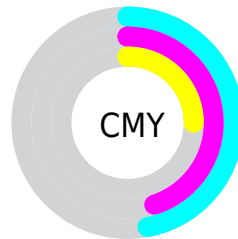


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (45%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0822, 28.0456, 53.1708 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 29.0822, 28.0456, 53.1708 by changing the saturation by 10% instead.

■ 29.0822, 28.0456,
53.1708

■ 29.0822, 28.0456,
53.1708

289.5898,
292.6847, 416.0249

■ 19.2876, 18.3600,
37.5505

■ 57.6043, 56.5572,
96.2997

■ 11.9835, 11.2088,
25.3349

■ 77.0625, 76.1521,
124.6454

■ 6.8046, 6.2074,
16.1054

■ 100.4727, 99.8188,
158.0700

■ 3.3854, 2.9716,
9.4436

128.2001,
127.9419, 196.9920

■ 1.3607, 1.1169,
4.9309

160.6102,
160.9056, 241.8300

■ 0.2280, 0.0000,
2.1488

198.0683,

■ 0.0000, 0.0000,

199.0944, 293.0024

0.6446

240.9397,
242.8926, 350.9279

■ 0.0000, 0.0000,
0.0000

■ 29.0822, 28.0456,
53.1708

■ 29.0822, 28.0456,
53.1708

■ 23.8896, 21.8619,
52.2514

■ 35.2308, 35.3193,
54.2512

■ 19.6023, 16.7124,
51.4834

■ 42.3773, 43.7285,
55.4977

■ 16.1689, 12.5413,
50.8593

■ 50.5643, 53.3202,
56.9175

■ 13.5319, 9.2866,
50.3700

■ 59.8313, 64.1378,
58.5171

■ 11.6266, 6.8785,
50.0056

■ 70.2157, 76.2225,
60.3024

■ 10.3780, 5.2376,
49.7547

■ 81.7530, 89.6134,
62.2790

■ 9.6736, 4.2579,
49.6027

■ 86.4041, 96.5416,
63.3712

■ 9.6102, 4.1740,
49.5899

Harmonies

Analogous

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



25.4672, 28.0456, 54.4562



29.0822, 28.0456, 53.1708



32.3014, 28.0456, 45.1256

Triad

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



29.0822, 28.0456, 53.1708



31.3554, 28.0456, 17.7590



20.4161, 28.0456, 27.2076

Complementary

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



29.0822, 28.0456, 53.1708



43.4892, 47.9721, 30.2609

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.



21.7109, 28.0456, 19.4894



29.0822, 28.0456, 53.1708



27.8823, 28.0456, 14.9040

Square

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



29.0822, 28.0456, 53.1708



33.6933, 28.0456, 24.2752



24.3696, 28.0456, 15.4569



20.6747, 28.0456, 37.7922

Rectangle

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



29.0822, 28.0456, 53.1708



33.6871, 28.0456, 37.8411



24.3696, 28.0456, 15.4569



20.6792, 28.0456, 24.2388

Sweetspot

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



29.0831, 28.0467, 53.1714



75.4214, 77.7586, 99.3129



37.5947, 46.0204, 53.0781



16.1244, 16.5613, 21.7321



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



29.0831, 28.0467, 53.1714



45.6184, 42.5364, 94.0851



32.3095, 28.6399, 53.1159



9.0844, 9.3611, 12.0003



6.3423, 2.7963, 32.5984



0.2723, 0.1572, 1.2849

Inverse Universe

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



35.0985, 30.6087, 29.2586



58.3158, 48.1013, 43.5743



39.4376, 47.4748, 30.3785



9.5645, 9.5501, 10.0954



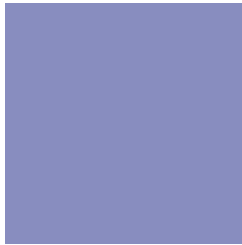
14.2021, 7.3120, 1.0917



0.5683, 0.2912, 0.1062

Previews

White Background



This preview shows how the XYZ color 29.0822, 28.0456, 53.1708 looks on a white background.

Color Contrast Check

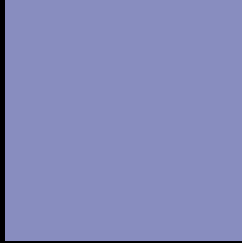
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0822, 28.0456, 53.1708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

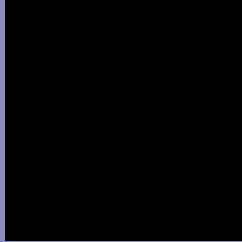
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0822, 28.0456, 53.1708

Background



This preview shows how black text looks on a background with the XYZ color 29.0822, 28.0456, 53.1708.



This preview shows how white text looks on a background with the XYZ color 29.0822, 28.0456,

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

29.0822, 28.0456, 53.1708

Protanopia

28.3933, 27.8976, 53.7575

Deuteranopia

28.7498, 28.0941, 53.1976



Tritanopia

25.7450, 28.0378, 36.8558

Trichromacy



Original Color

29.0822, 28.0456, 53.1708

Protanomaly

28.7031, 28.0573, 53.7720

Deuteranomaly

28.9085, 28.1759, 53.2051

Tritanomaly

26.9918, 28.0966, 42.5286

Monochromacy



Original Color

29.0822, 28.0456, 53.1708

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.6502, 28.3059, 38.1887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0822, 28.0456, 53.1708 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(136, 141, 191)` looks like.

```
.text, #text, p{  
    color:rgb(136, 141, 191)  
}
```

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(136, 141, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 141, 191) }
```

Border

The CSS property to change the border of an element to XYZ 29.0822, 28.0456, 53.1708 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(136, 141, 191) }
```


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

```
.border{ border-color:rgb(136, 141, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 141, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 141, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 141, 191);  
box-shadow:4px 4px 4px 4px rgb(136, 141,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0822, 28.0456, 53.1708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 141, 191) }
```

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

```
.background{ background-color: rgb(136,  
141, 191) }
```

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