

Converting Colors

XYZ(28.0402, 28.2391, 41.6682)

Have a look what the booklet for
XYZ(28.0402, 28.2391, 41.6682)
contains.

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Color

**XYZ(27.9684, 28.1722,
41.4998)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8FA9
RGB	141, 143, 169
RGB Percent	55%, 56%, 66%
CMY	0.4471, 0.4392, 0.3373
CMYK	0.17, 0.15, 0.00, 0.34
HSL	236°, 14%, 61%
HSV	236°, 17%, 66%
XYZ	27.9684, 28.1722, 41.4998
YIQ	145.3660, -9.5380, 7.6620

Conversions

Conversions Part 2

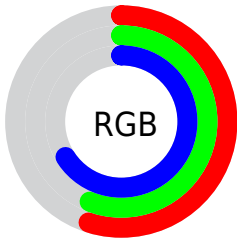
Format	Color
R_{YB}	141, 143, 169
Decimal	9277353
CIE _{Lab}	60.04, 4.79, -13.90
CIE _{LCh}	60, 14.701, 289.023
Yxy	28.1722, 0.2864, 0.2885
Android (android.graphics.Color)	4287467433 (0xFF8D8FA9)
YUV	145.3660, 11.6516, -3.8290
Hunter-Lab	53.0775, 1.1723, -9.2029

Details

The XYZ color **27.9684, 28.1722, 41.4998** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.9889, 37.9955, 30.6897**, and the grayscale version is **27.0200, 28.4272, 30.9572**.

A 20% lighter version of the original color is **55.9265, 56.9164, 78.5593**, and **11.4396, 11.3372, 18.4150** is the 20% darker color. If you saturate the color by 10%, you get **23.1180, 22.4165, 40.6449**, and if you desaturate by 10%, it is **33.5886, 34.8153, 42.4863**.

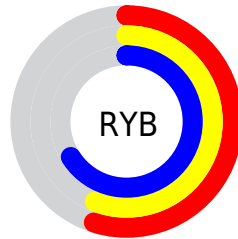
Distribution



Red (55%)

Green (56%)

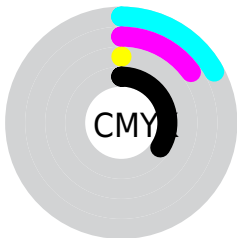
Blue (66%)



Red (55%)

Yellow (56%)

Blue (66%)

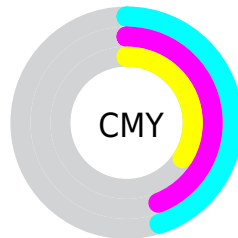


Cyan (17%)

Magenta (15%)

Yellow (0%)

Black (34%)



Cyan (45%)

Magenta (44%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9684, 28.1722, 41.4998 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 27.9684, 28.1722, 41.4998 by changing the saturation by 10% instead.

■ 27.9684, 28.1722,
41.4998

■ 27.9684, 28.1722,
41.4998

284.3987,
293.2888, 368.1435

■ 18.4422, 18.4555,
28.3872

■ 55.8430, 56.7592,
78.7039

■ 11.3695, 11.2775,
18.3762

■ 74.9220, 76.3984,
103.6325

■ 6.3851, 6.2538,
11.0482

■ 97.9161, 100.1138,
133.3368

■ 3.1235, 3.0000,
5.9847

125.1905,
128.2899, 168.2355

■ 1.2194, 1.1317,
2.7671

157.1106,
161.3111, 208.7469

■ 0.1216, 0.0049,
0.9770

194.0418,

■ 0.0000, 0.0000,

199.5617, 255.2897

0.0000

236.3494,
243.4261, 308.2824

■ 27.9684, 28.1722,
41.4998

■ 27.9684, 28.1722,
41.4998

■ 23.1180, 22.4165,
40.6449

■ 33.5886, 34.8153,
42.4863

■ 19.0014, 17.5074,
39.9143

■ 40.0073, 42.3776,
43.6077

■ 15.5836, 13.4059,
39.3028

■ 47.2550, 50.8935,
44.8694

■ 12.8256, 10.0686,
38.8040

■ 55.3599, 60.3946,
46.2761

■ 10.6847, 7.4482,
38.4111

■ 64.3487, 70.9110,
47.8322

■ 9.1133, 5.4919,
38.1163

■ 74.2469, 82.4716,
49.5419

■ 8.0563, 4.1398,
37.9110

■ 83.4787, 94.2789,
51.3344

■ 7.4419, 3.3176,
37.7847

■ 84.1615, 95.6446,
51.5620

■ 7.2940, 3.1295,
37.7562

Harmonies

Analogous

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



26.0967, 28.1722, 41.9599



27.9684, 28.1722, 41.4998



29.5900, 28.1722, 37.9505

Triad

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



27.9684, 28.1722, 41.4998



29.2095, 28.1722, 23.5257



23.3934, 28.1722, 28.7517

Complementary

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



27.9684, 28.1722, 41.4998



34.9889, 37.9955, 30.6897

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.



24.1479, 28.1722, 24.3939



27.9684, 28.1722, 41.4998



27.4687, 28.1722, 21.6195

Square

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



27.9684, 28.1722, 41.4998



30.3293, 28.1722, 27.4330



25.6196, 28.1722, 21.9176



23.5132, 28.1722, 34.1623

Rectangle

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



27.9684, 28.1722, 41.4998



30.2837, 28.1722, 34.5188



25.6196, 28.1722, 21.9176



23.5517, 28.1722, 27.1272

Sweetspot

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



27.9693, 28.1734, 41.5004



61.7621, 64.2480, 76.3710



32.1173, 36.8169, 41.8119



13.3014, 13.8145, 16.6175



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.9693, 28.1734, 41.5004



46.6389, 46.3654, 73.7164



29.7610, 28.6549, 41.4990



7.1733, 7.3835, 9.4654



5.4522, 2.3646, 28.1445



0.1457, 0.0836, 0.6891

Inverse Universe

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



30.8457, 29.4687, 30.0501



52.8133, 49.1757, 49.1312



32.9660, 37.5012, 30.7010



7.5521, 7.5507, 7.9584



12.2526, 6.3098, 0.8759



0.3047, 0.1561, 0.0560

Previews

White Background



This preview shows how the XYZ color 27.9684, 28.1722, 41.4998 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 27.9684, 28.1722, 41.4998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

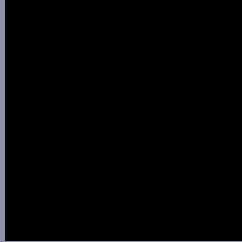
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9684, 28.1722, 41.4998

Background



This preview shows how black text looks on a background with the XYZ color 27.9684, 28.1722, 41.4998.



This preview shows how white text looks on a background with the XYZ color 27.9684, 28.1722,

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

27.9684, 28.1722, 41.4998

Protanopia

27.7991, 28.0849, 41.4919

Deuteranopia

28.7189, 28.1174, 41.4497



Tritanopia

26.8587, 28.1741, 35.9208

Trichromacy



Original Color

27.9684, 28.1722, 41.4998

Protanomaly

27.7991, 28.0849, 41.4919

Deuteranomaly

28.5115, 28.2303, 41.4824

Tritanomaly

27.2215, 28.0952, 37.7064

Monochromacy



Original Color

27.9684, 28.1722, 41.4998

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.3076, 28.2089, 34.5774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9684, 28.1722, 41.4998 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(141, 143, 169)` looks like.

```
.text, #text, p{  
    color:rgb(141, 143, 169)  
}
```

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(141, 143, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 143, 169) }
```

Border

The CSS property to change the border of an element to XYZ 27.9684, 28.1722, 41.4998 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(141, 143, 169) }
```


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

```
.border{ border-color:rgb(141, 143, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 143, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 143, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 143, 169);  
box-shadow:4px 4px 4px 4px rgb(141, 143,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9684, 28.1722, 41.4998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 143, 169) }
```

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

```
.background{ background-color: rgb(141,  
143, 169) }
```

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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