

Converting Colors

XYZ(27.5529, 27.8556, 41.8140)

Have a look what the booklet for
XYZ(27.5529, 27.8556, 41.8140)
contains.

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Color

**XYZ(27.7256, 28.0362,
41.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8FAA
RGB	139, 143, 170
RGB Percent	55%, 56%, 67%
CMY	0.4549, 0.4392, 0.3333
CMYK	0.18, 0.16, 0.00, 0.33
HSL	232°, 15%, 61%
HSV	232°, 18%, 67%
XYZ	27.7256, 28.0362, 41.9804
YIQ	144.8820, -11.0510, 7.5490

Conversions

Conversions Part 2

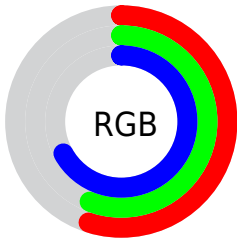
Format	Color
R_{YB}	139, 143, 170
Decimal	9146282
CIE Lab	59.92, 4.35, -14.67
CIE LCh	60, 15.299, 286.537
Yxy	28.0362, 0.2837, 0.2868
Android (android.graphics.Color)	4287336362 (0xFF8B8FAA)
YUV	144.8820, 12.3832, -5.1585
Hunter-Lab	52.9492, 0.8061, -9.9432

Details

The XYZ color **27.7256, 28.0362, 41.9804** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **34.8741, 37.6823, 29.8620**, and the grayscale version is **26.8210, 28.2178, 30.7292**.

A 20% lighter version of the original color is **55.5492, 56.7062, 79.2518**, and **11.3042, 11.2606, 18.7172** is the 20% darker color. If you saturate the color by 10%, you get **23.0270, 22.5300, 41.1657**, and if you desaturate by 10%, it is **33.1607, 34.3589, 42.9148**.

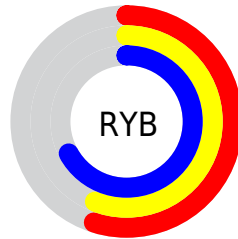
Distribution



Red (55%)

Green (56%)

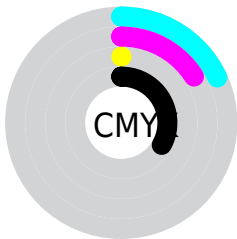
Blue (67%)



Red (55%)

Yellow (56%)

Blue (67%)

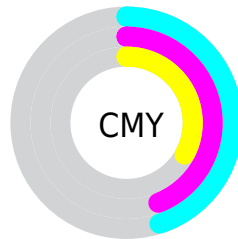


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (45%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7256, 28.0362, 41.9804 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 27.7256, 28.0362, 41.9804 by changing the saturation by 10% instead.

■ 27.7256, 28.0362,
41.9804

■ 27.7256, 28.0362,
41.9804

283.2573,
292.6399, 370.1989

■ 18.2583, 18.3529,
28.7605

■ 55.4578, 56.5422,
79.4397

■ 11.2364, 11.2037,
18.6557

■ 74.4533, 76.1338,
104.5162

■ 6.2945, 6.2040,
11.2475

■ 97.3557, 99.7969,
134.3820

■ 3.0674, 2.9695,
6.1173

124.5303,
127.9160, 169.4556

■ 1.1895, 1.1158,
2.8466

156.3424,
160.8755, 210.1555

■ 0.0980, 0.0000,
1.0168

193.1573,

■ 0.0000, 0.0000,

199.0597, 256.9004

0.0000

235.3405,
242.8530, 310.1087

■ 27.7256, 28.0362,
41.9804

■ 27.7256, 28.0362,
41.9804

■ 23.0270, 22.5300,
41.1657

■ 33.1607, 34.3589,
42.9148

■ 19.0306, 17.8037,
40.4641

■ 39.3594, 41.5262,
43.9715

■ 15.7032, 13.8227,
39.8710

■ 46.3509, 49.5687,
45.1554

■ 13.0078, 10.5487,
39.3811

■ 54.1618, 58.5148,
46.4705

■ 10.9038, 7.9399,
38.9885

■ 62.8176, 68.3914,
47.9206

■ 9.3459, 5.9499,
38.6865

■ 72.3426, 79.2244,
49.5096

■ 8.2819, 4.5262,
38.4678

■ 81.6470, 90.4648,
51.1888

■ 7.6316, 3.5983,
38.3229

■ 84.2558, 95.6823,
52.0584

■ 7.5417, 3.4741,
38.3037

Harmonies

Analogous

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



25.7869, 28.0362, 42.1645



27.7256, 28.0362, 41.9804



29.4534, 28.0362, 38.4975

Triad

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



27.7256, 28.0362, 41.9804



29.3021, 28.0362, 23.3980



23.1756, 28.0362, 28.1018

Complementary

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



27.7256, 28.0362, 41.9804



34.8741, 37.6823, 29.8620

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.



24.0258, 28.0362, 23.7397



27.7256, 28.0362, 41.9804



27.5272, 28.0362, 21.2554

Square

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



27.7256, 28.0362, 41.9804



30.3934, 28.0362, 27.5802



25.5978, 28.0362, 21.3723



23.2229, 28.0362, 33.6758

Rectangle

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



27.7256, 28.0362, 41.9804



30.2252, 28.0362, 34.9899



25.5978, 28.0362, 21.3723



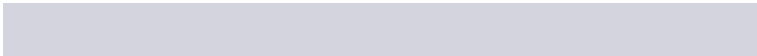
23.3640, 28.0362, 26.4601

Sweetspot

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



27.7265, 28.0374, 41.9810



63.5501, 66.2607, 78.4420



31.8934, 36.9872, 41.4710



14.0054, 14.5837, 17.4644



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.7265, 28.0374, 41.9810



46.5969, 46.5332, 75.5278



29.1341, 27.8870, 41.8778



7.2070, 7.4509, 9.4767



5.5718, 2.6039, 28.1844



0.1584, 0.1091, 0.6934

Inverse Universe

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



30.7688, 28.9951, 29.9629



53.2016, 48.6782, 49.4221



33.2609, 37.9475, 29.9982



7.5691, 7.5575, 8.0480



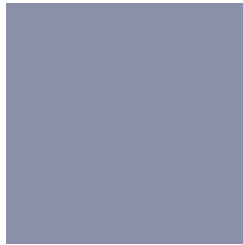
12.3130, 6.3339, 1.1939



0.3111, 0.1587, 0.0899

Previews

White Background



This preview shows how the XYZ color 27.7256, 28.0362, 41.9804 looks on a white background.

Color Contrast Check

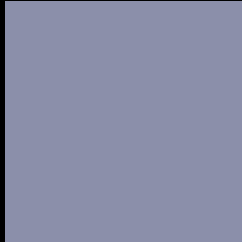
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7256, 28.0362, 41.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

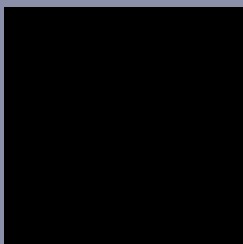
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7256, 28.0362, 41.9804

Background



This preview shows how black text looks on a background with the XYZ color 27.7256, 28.0362, 41.9804.



This preview shows how white text looks on a background with the XYZ color 27.7256, 28.0362,

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

27.7256, 28.0362, 41.9804

Protanopia

27.7256, 28.0362, 41.9804

Deuteranopia

28.6346, 28.0630, 41.9377



Tritanopia

26.5277, 28.0035, 35.9053

Trichromacy



Original Color

27.7256, 28.0362, 41.9804

Protanomaly

27.7256, 28.0362, 41.9804

Deuteranomaly

28.2564, 28.0879, 41.9624

Tritanomaly

26.9761, 27.9584, 38.1571

Monochromacy



Original Color

27.7256, 28.0362, 41.9804

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.1337, 28.1193, 34.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7256, 28.0362, 41.9804 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(139, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 143, 170)  
}
```

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(139, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 143, 170) }
```

Border

The CSS property to change the border of an element to XYZ 27.7256, 28.0362, 41.9804 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(139, 143, 170) }
```


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

```
.border{ border-color:rgb(139, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 143,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7256, 28.0362, 41.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 143, 170) }
```

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

```
.background{ background-color: rgb(139,  
143, 170) }
```

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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