

Converting Colors

XYZ(27.6506, 28.6085, 42.8265)

Have a look what the booklet for
XYZ(27.6506, 28.6085, 42.8265)
contains.

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Color

**XYZ(27.6212, 28.6489,
42.6021)**

Conversions

Conversions Part 1

Format	Color
Hex	8792AB
RGB	135, 146, 171
RGB Percent	53%, 57%, 67%
CMY	0.4706, 0.4274, 0.3294
CMYK	0.21, 0.15, 0.00, 0.33
HSL	222°, 18%, 60%
HSV	222°, 21%, 67%
XYZ	27.6212, 28.6489, 42.6021
YIQ	145.5610, -14.5810, 5.4430

Conversions

Conversions Part 2

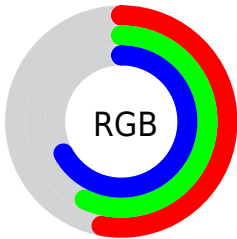
Format	Color
RYB	135, 143, 171
Decimal	8884907
CIELab	60.47, 1.57, -14.43
CIELCh	60, 14.520, 276.212
Yxy	28.6489, 0.2794, 0.2898
Android (android.graphics.Color)	4287074987 (0xFF8792AB)
YUV	145.5610, 12.5414, -9.2620
Hunter-Lab	53.5247, -1.5539, -9.7237

Details

The XYZ color **27.6212, 28.6489, 42.6021** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7388, 35.5488, 28.0057**, and the grayscale version is **27.0974, 28.5086, 31.0459**.

A 20% lighter version of the original color is **55.3680, 57.6184, 80.1548**, and **11.2590, 11.6289, 19.1040** is the 20% darker color. If you saturate the color by 10%, you get **23.3515, 23.8708, 41.9053**, and if you desaturate by 10%, it is **32.5247, 34.0374, 43.3842**.

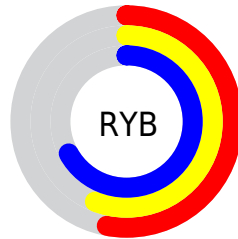
Distribution



Red (53%)

Green (57%)

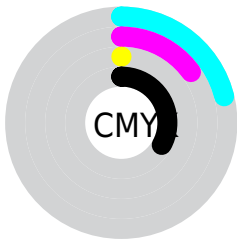
Blue (67%)



Red (53%)

Yellow (56%)

Blue (67%)

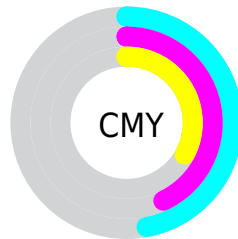


Cyan (21%)

Magenta (15%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (43%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6212, 28.6489, 42.6021 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 27.6212, 28.6489, 42.6021 by changing the saturation by 10% instead.

■ 27.6212, 28.6489,
42.6021

■ 27.6212, 28.6489,
42.6021

282.7654,
295.5548, 372.8459

■ 18.1793, 18.8154,
29.2440

■ 55.2920, 57.5188,
80.3900

■ 11.1793, 11.5370,
19.0183

■ 74.2516, 77.3239,
105.6568

■ 6.2557, 6.4292,
11.5065

■ 97.1145, 101.2218,
135.7302

■ 3.0433, 3.1078,
6.2902

124.2460,
129.5967, 171.0288

■ 1.1767, 1.1883,
2.9507

156.0115,
162.8330, 211.9712

■ 0.0879, 0.0521,
1.0695

192.7763,

■ 0.0000, 0.0000,

201.3152, 258.9758

0.0000

234.9058,
245.4277, 312.4611

■ 27.6212, 28.6489,
42.6021

■ 27.6212, 28.6489,
42.6021

■ 23.3515, 23.8708,
41.9053

■ 32.5247, 34.0374,
43.3842

■ 19.6862, 19.6772,
41.2891

■ 38.0845, 40.0541,
44.2525

■ 16.5973, 16.0455,
40.7509

■ 44.3254, 46.7202,
45.2103

■ 14.0534, 12.9499,
40.2875

■ 51.2698, 54.0548,
46.2600

■ 12.0202, 10.3627,
39.8952

■ 58.9392, 62.0765,
47.4041

■ 10.4586, 8.2531,
39.5704

■ 67.3543, 70.8028,
48.6449

■ 9.3238, 6.5865,
39.3085

■ 76.5348, 80.2507,
49.9847

■ 8.5903, 5.4194,
39.1219

■ 80.0453, 87.1094,
51.1235

■ 83.6756, 94.3699,
52.3336

Harmonies

Analogous

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



25.8041, 28.6489, 41.6067



27.6212, 28.6489, 42.6021



29.4117, 28.6489, 40.2699

Triad

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



27.6212, 28.6489, 42.6021



30.2378, 28.6489, 25.4927



24.0680, 28.6489, 27.2187

Complementary

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



27.6212, 28.6489, 42.6021



33.7388, 35.5488, 28.0057

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.



25.1588, 28.6489, 23.5954



27.6212, 28.6489, 42.6021



28.7074, 28.6489, 22.6816

Square

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



27.6212, 28.6489, 42.6021



30.9664, 28.6489, 30.0917



26.8424, 28.6489, 22.0289



23.8068, 28.6489, 32.3224

Rectangle

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



27.6212, 28.6489, 42.6021



30.3316, 28.6489, 37.2834



26.8424, 28.6489, 22.0289



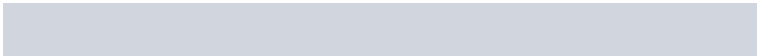
24.3473, 28.6489, 25.8062

Sweetspot

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



27.6221, 28.6501, 42.6027



63.0244, 66.1450, 78.4474



30.8654, 36.8014, 38.5517



13.9162, 14.6007, 17.4724



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.



27.6221, 28.6501, 42.6027



45.9750, 47.4209, 75.7319



27.1021, 25.9843, 42.1156



7.7711, 8.1415, 10.1146



6.5175, 4.1688, 29.5057



0.2303, 0.2139, 0.8371

Inverse Universe

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



30.6476, 28.0619, 30.9966



52.3674, 46.3524, 51.1706



34.3292, 38.8108, 28.6042



8.1023, 8.0542, 8.8493



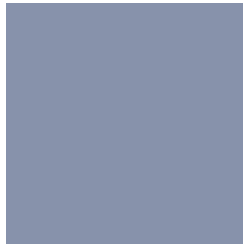
13.1534, 6.7239, 3.1870



0.3906, 0.1969, 0.2188

Previews

White Background



This preview shows how the XYZ color 27.6212, 28.6489, 42.6021 looks on a white background.

Color Contrast Check

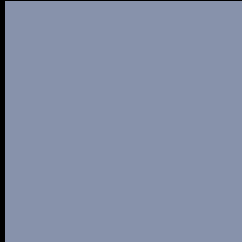
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6212, 28.6489, 42.6021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

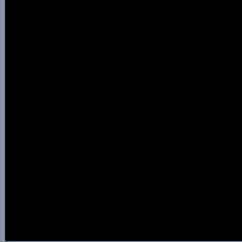
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

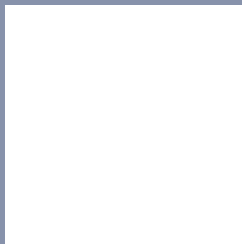
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.6212, 28.6489, 42.6021

Background



This preview shows how black text looks on a background with the XYZ color 27.6212, 28.6489, 42.6021.



This preview shows how white text looks on a background with the XYZ color 27.6212, 28.6489,

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

27.6212, 28.6489, 42.6021

Protanopia

28.2135, 28.5115, 42.0465

Deuteranopia

29.1520, 28.5276, 42.9996



Tritanopia

26.6079, 28.7044, 37.3958

Trichromacy



Original Color

27.6212, 28.6489, 42.6021

Protanomaly

28.0286, 28.6420, 42.0814

Deuteranomaly

28.5965, 28.4631, 43.0165

Tritanomaly

26.9661, 28.6161, 39.2242

Monochromacy



Original Color

27.6212, 28.6489, 42.6021

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.3506, 28.6751, 35.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6212, 28.6489, 42.6021 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(135, 146, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 146, 171)  
}
```

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(135, 146, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 146, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.6212, 28.6489, 42.6021 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(135, 146, 171) }
```


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

```
.border{ border-color:rgb(135, 146, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 146, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 146, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 146, 171);  
box-shadow:4px 4px 4px 4px rgb(135, 146,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6212, 28.6489, 42.6021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 146, 171) }
```

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

```
.background{ background-color: rgb(135,  
146, 171) }
```

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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