

Converting Colors

XYZ(28.2285, 29.7668, 42.2881)

Have a look what the booklet for
XYZ(28.2285, 29.7668, 42.2881)
contains.

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Color

**XYZ(28.1565, 29.6314,
42.2656)**

Conversions

Conversions Part 1

Format	Color
Hex	8895AA
RGB	136, 149, 170
RGB Percent	53%, 58%, 67%
CMY	0.4667, 0.4157, 0.3333
CMYK	0.20, 0.12, 0.00, 0.33
HSL	217°, 17%, 60%
HSV	217°, 20%, 67%
XYZ	28.1565, 29.6314, 42.2656
YIQ	147.5070, -14.4890, 3.7750

Conversions

Conversions Part 2

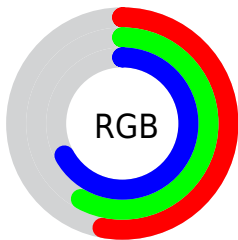
Format	Color
R_{YB}	136, 145, 170
Decimal	8951210
CIE _{Lab}	61.33, -0.03, -12.56
CIE _{LCh}	61, 12.559, 269.869
Yxy	29.6314, 0.2814, 0.2962
Android (android.graphics.Color)	4287141290 (0xFF8895AA)
YUV	147.5070, 11.0890, -10.0916
Hunter-Lab	54.4347, -2.9312, -7.9311

Details

The XYZ color **28.1565, 29.6314, 42.2656** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.0788, 34.4377, 28.1970**, and the grayscale version is **27.9036, 29.3568, 31.9696**.

A 20% lighter version of the original color is **56.1817, 59.0953, 79.6796**, and **11.4754, 12.0218, 18.8552** is the 20% darker color. If you saturate the color by 10%, you get **24.0247, 25.1463, 41.6181**, and if you desaturate by 10%, it is **32.8778, 34.6443, 42.9848**.

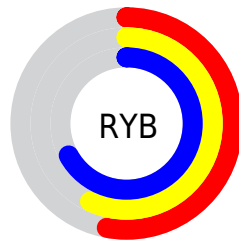
Distribution



Red (53%)

Green (58%)

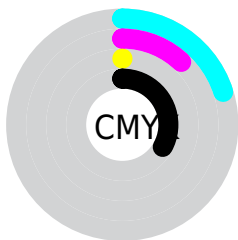
Blue (67%)



Red (53%)

Yellow (57%)

Blue (67%)

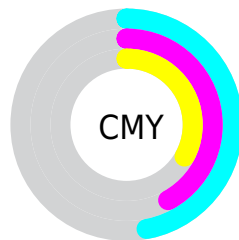


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (47%)

Magenta (42%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.1565, 29.6314, 42.2656 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 28.1565, 29.6314, 42.2656 by changing the saturation by 10% instead.

■ 28.1565, 29.6314,
42.2656

■ 28.1565, 29.6314,
42.2656

285.2805,
300.1825, 371.4149

■ 18.5847, 19.5590,
28.9822

■ 56.1411, 59.0788,
79.8759

■ 11.4728, 12.0749,
18.8219

■ 75.2846, 79.2225,
105.0398

■ 6.4554, 6.7947,
11.3661

■ 98.3495, 103.4921,
135.0010

■ 3.1672, 3.3340,
6.1964

125.7010,
132.2721, 170.1780

■ 1.2428, 1.3085,
2.8942

157.7044,
165.9467, 210.9894

■ 0.1398, 0.1478,
1.0408

194.7253,

■ 0.0000, 0.0000,

204.9003, 257.8536

0.0000

237.1289,
249.5175, 311.1892

■ 28.1565, 29.6314,
42.2656

■ 28.1565, 29.6314,
42.2656

■ 24.0247, 25.1463,
41.6181

■ 32.8778, 34.6443,
42.9848

■ 20.4553, 21.1667,
41.0381

■ 38.2089, 40.1987,
43.7760

■ 17.4226, 17.6743,
40.5239

■ 44.1725, 46.3126,
44.6417

■ 14.8981, 14.6480,
40.0728

■ 50.7891, 53.0018,
45.5841

■ 12.8504, 12.0647,
39.6821

■ 58.0786, 60.2815,
46.6051

■ 11.2439, 9.8992,
39.3488

■ 66.0597, 68.1663,
47.7063

■ 10.0377, 8.1229,
39.0695

■ 74.7496, 76.6699,
48.8897

■ 9.1466, 6.6839,
38.8387

■ 77.6340, 82.4387,
49.8512

■ 9.1465, 6.6838,
38.8387

■ 80.6952, 88.5612,
50.8716

Harmonies

Analogous

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



26.5959, 29.6314, 40.8080



28.1565, 29.6314, 42.2656



29.7790, 29.6314, 40.8323

Triad

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



28.1565, 29.6314, 42.2656



31.0153, 29.6314, 27.9330



25.4994, 29.6314, 27.9003

Complementary

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



28.1565, 29.6314, 42.2656



33.0788, 34.4377, 28.1970

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.



26.6080, 29.6314, 24.9862



28.1565, 29.6314, 42.2656



29.7920, 29.6314, 25.0037

Square

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



28.1565, 29.6314, 42.2656



31.4684, 29.6314, 32.2843



28.1710, 29.6314, 23.9788



25.0990, 29.6314, 32.2428

Rectangle

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



28.1565, 29.6314, 42.2656



30.6683, 29.6314, 38.5033



28.1710, 29.6314, 23.9788



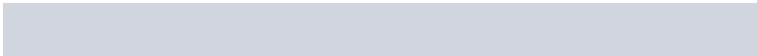
25.7994, 29.6314, 26.7372

Sweetspot

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



28.1574, 29.6326, 42.2663



63.2818, 66.6597, 78.5332



30.6116, 36.4174, 37.2998



13.9791, 14.7265, 17.4934



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.



28.1574, 29.6326, 42.2663



47.6329, 50.0381, 76.1497



26.8702, 26.0839, 41.6491



7.3582, 7.7533, 9.5271



6.7787, 5.0176, 28.5867



0.2145, 0.2213, 0.7121

Inverse Universe

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



30.8073, 28.3251, 32.2787



53.3747, 47.4081, 54.4625



34.5521, 38.6381, 28.9301



7.6454, 7.5880, 8.4498



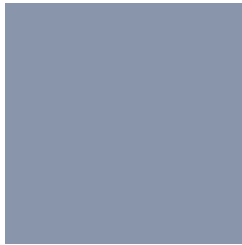
12.9222, 6.5776, 4.4017



0.3394, 0.1700, 0.2389

Previews

White Background



This preview shows how the XYZ color 28.1565, 29.6314, 42.2656 looks on a white background.

Color Contrast Check

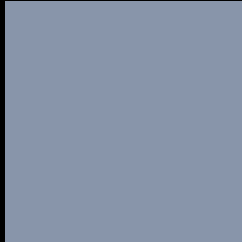
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1565, 29.6314, 42.2656 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 28.1565, 29.6314, 42.2656

Background



This preview shows how black text looks on a background with the XYZ color 28.1565, 29.6314, 42.2656.



This preview shows how white text looks on a background with the XYZ color 28.1565, 29.6314,

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

28.1565, 29.6314, 42.2656

Protanopia

29.0967, 29.6613, 41.7278

Deuteranopia

30.0864, 29.4661, 42.6299



Tritanopia

27.4196, 29.5722, 38.4453

Trichromacy



Original Color

28.1565, 29.6314, 42.2656

Protanomaly

28.7358, 29.7071, 41.7556

Deuteranomaly

29.4836, 29.6090, 42.6892

Tritanomaly

27.6896, 29.6802, 39.8668

Monochromacy



Original Color

28.1565, 29.6314, 42.2656

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0923, 29.5094, 35.6678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.1565, 29.6314, 42.2656 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, 149, 170)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 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(136, 149, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 170) }
```

Border

The CSS property to change the border of an element to XYZ 28.1565, 29.6314, 42.2656 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, 149, 170) }
```


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

```
.border{ border-color:rgb(136, 149, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 170);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 28.1565, 29.6314, 42.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 170) }
```

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

```
.background{ background-color: rgb(136,  
149, 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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