

Converting Colors

XYZ(28.6982, 30.8494, 43.2432)

Have a look what the booklet for
XYZ(28.6982, 30.8494, 43.2432)
contains.

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Color

**XYZ(28.6691, 30.8294,
43.4694)**

Conversions

Conversions Part 1

Format	Color
Hex	8699AC
RGB	134, 153, 172
RGB Percent	53%, 60%, 67%
CMY	0.4745, 0.4000, 0.3255
CMYK	0.22, 0.11, 0.00, 0.33
HSL	210°, 19%, 60%
HSV	210°, 22%, 67%
XYZ	28.6691, 30.8294, 43.4694
YIQ	149.4850, -17.4230, 1.8810

Conversions

Conversions Part 2

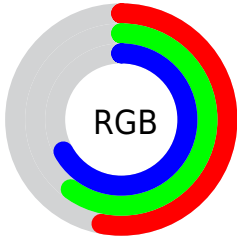
Format	Color
RYB	134, 147, 172
Decimal	8821164
CIELab	62.36, -2.45, -12.16
CIElCh	62, 12.402, 258.601
Yxy	30.8294, 0.2784, 0.2994
Android (android.graphics.Color)	4287011244 (0xFF8699AC)
YUV	149.4850, 11.0999, -13.5803
Hunter-Lab	55.5242, -5.0016, -7.5506

Details

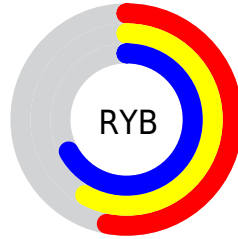
The XYZ color **28.6691, 30.8294, 43.4694** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7077, 33.2742, 27.2534**, and the grayscale version is **28.7321, 30.2284, 32.9187**.

A 20% lighter version of the original color is **56.9170, 60.8631, 81.4209**, and **11.7977, 12.7436, 19.6073** is the 20% darker color. If you saturate the color by 10%, you get **24.7906, 26.8160, 42.8997**, and if you desaturate by 10%, it is **33.0968, 35.2780, 44.0952**.

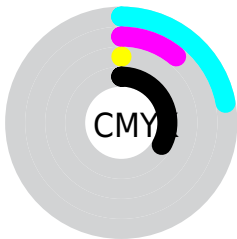
Distribution



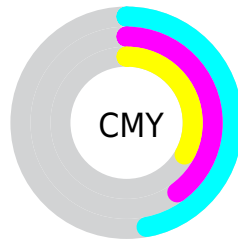
- Red (53%)
- Green (60%)
- Blue (67%)



- Red (53%)
- Yellow (58%)
- Blue (67%)



- Cyan (22%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (47%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6691, 30.8294, 43.4694 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 28.6691, 30.8294, 43.4694 by changing the saturation by 10% instead.

■ 28.6691, 30.8294,
43.4694

■ 28.6691, 30.8294,
43.4694

287.6729,
305.7516, 376.5164

■ 18.9737, 20.4690,
29.9195

■ 56.9521, 60.9714,
81.7127

■ 11.7551, 12.7364,
19.5259

■ 76.2705, 81.5217,
107.2431

■ 6.6482, 7.2473,
11.8703

■ 99.5271, 106.2375,
137.6041

■ 3.2874, 3.6172,
6.5339

127.0875,
135.5031, 173.2141

■ 1.3075, 1.4618,
3.0984

159.3169,
169.7029, 214.4919

■ 0.1888, 0.2616,
1.1451

196.5807,

■ 0.0000, 0.0000,

209.2213, 261.8558

0.0000

239.2442,
254.4428, 315.7245

■ 28.6691, 30.8294,
43.4694

■ 28.6691, 30.8294,
43.4694

■ 24.7906, 26.8160,
42.8997

■ 33.0968, 35.2780,
44.0952

■ 21.4348, 23.2188,
42.3822

■ 38.0931, 40.1727,
44.7766

■ 18.5772, 20.0226,
41.9159

■ 43.6797, 45.5282,
45.5159

■ 16.1900, 17.2097,
41.4988

■ 49.8764, 51.3577,
46.3145

■ 14.2423, 14.7607,
41.1287

■ 56.7019, 57.6738,
47.1739

■ 12.6991, 12.6539,
40.8034

■ 64.1742, 64.4883,
48.0954

■ 11.5192, 10.8642,
40.5201

■ 72.3106, 71.8129,
49.0804

■ 10.7751, 9.6359,
40.3223

■ 74.7535, 76.3727,
49.8317

■ 77.0933, 81.0522,
50.6116

Harmonies

Analogous

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



27.2193, 30.8294, 40.9904



28.6691, 30.8294, 43.4694



30.3441, 30.8294, 43.1133

Triad

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



28.6691, 30.8294, 43.4694



32.4692, 30.8294, 30.7049



26.9473, 30.8294, 27.8185

Complementary

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



28.6691, 30.8294, 43.4694



32.7077, 33.2742, 27.2534

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.



28.2849, 30.8294, 25.5470



28.6691, 30.8294, 43.4694



31.4892, 30.8294, 27.1004

Square

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



28.6691, 30.8294, 43.4694



32.5817, 30.8294, 35.4283



29.9450, 30.8294, 25.2973



26.2509, 30.8294, 31.7739

Rectangle

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



28.6691, 30.8294, 43.4694



31.3626, 30.8294, 41.3229



29.9450, 30.8294, 25.2973



27.3345, 30.8294, 26.8496

Sweetspot

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



28.6700, 30.8307, 43.4701



64.4125, 68.3064, 80.5953



30.2821, 36.8530, 35.3813



13.8873, 14.7357, 17.5000



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.



28.6700, 30.8307, 43.4701



48.0961, 51.9085, 78.2902



25.8913, 25.2732, 42.5439



7.8973, 8.3941, 10.1567



8.0733, 7.2805, 30.0243



0.2794, 0.3121, 0.8535

Inverse Universe

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



31.2888, 28.1214, 33.9174



53.8564, 46.2949, 57.2008



35.9491, 39.7570, 28.3339



8.1660, 8.0796, 9.1849



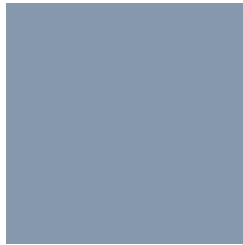
13.9387, 7.0380, 7.3225



0.4154, 0.2068, 0.3493

Previews

White Background



This preview shows how the XYZ color 28.6691, 30.8294, 43.4694 looks on a white background.

Color Contrast Check

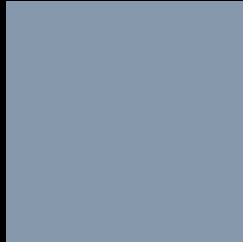
Large Text (above 18pt) WCAG AA × Fail

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 28.6691, 30.8294, 43.4694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

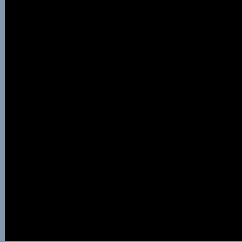
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.6691, 30.8294, 43.4694

Background



This preview shows how black text looks on a background with the XYZ color 28.6691, 30.8294, 43.4694.



This preview shows how white text looks on a background with the XYZ color 28.6691, 30.8294,

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

28.6691, 30.8294, 43.4694

Protanopia

30.0358, 30.6002, 42.3536

Deuteranopia

31.3030, 30.7546, 43.8215



Tritanopia

28.1114, 30.8509, 40.5496

Trichromacy



Original Color

28.6691, 30.8294, 43.4694

Protanomaly

29.4124, 30.5038, 42.8657

Deuteranomaly

30.3229, 30.7151, 43.8656

Tritanomaly

28.2964, 30.9249, 41.5235

Monochromacy



Original Color

28.6691, 30.8294, 43.4694

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.4937, 30.1763, 36.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6691, 30.8294, 43.4694 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(134, 153, 172)` looks like.

```
.text, #text, p{  
    color:rgb(134, 153, 172)  
}
```

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(134, 153, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.6691, 30.8294, 43.4694 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(134, 153, 172) }
```


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

```
.border{ border-color:rgb(134, 153, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 153, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 172);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6691, 30.8294, 43.4694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 172) }
```

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

```
.background{ background-color: rgb(134,  
153, 172) }
```

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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