

Converting Colors

XYZ(26.9914, 28.6297, 43.8771)

Have a look what the booklet for
XYZ(26.9914, 28.6297, 43.8771)
contains.

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Color

**XYZ(26.8786, 28.4738,
43.6145)**

Conversions

Conversions Part 1

Format	Color
Hex	8093AD
RGB	128, 147, 173
RGB Percent	50%, 58%, 68%
CMY	0.4980, 0.4235, 0.3216
CMYK	0.26, 0.15, 0.00, 0.32
HSL	215°, 22%, 59%
HSV	215°, 26%, 68%
XYZ	26.8786, 28.4738, 43.6145
YIQ	144.2830, -19.6700, 4.0580

Conversions

Conversions Part 2

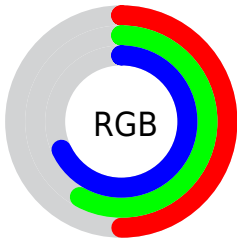
Format	Color
R _Y B	128, 141, 173
Decimal	8426413
CIE Lab	60.31, -0.75, -15.85
CIE LCh	60, 15.872, 267.289
Yxy	28.4738, 0.2716, 0.2877
Android (android.graphics.Color)	4286616493 (0xFF8093AD)
YUV	144.2830, 14.1575, -14.2802
Hunter-Lab	53.3608, -3.4686, -11.1081

Details

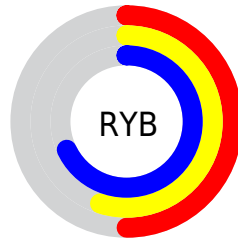
The XYZ color **26.8786, 28.4738, 43.6145** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **32.6857, 33.5539, 25.1765**, and the grayscale version is **26.5744, 27.9583, 30.4466**.

A 20% lighter version of the original color is **54.1816, 57.3198, 81.6069**, and **10.8678, 11.5496, 19.7457** is the 20% darker color. If you saturate the color by 10%, you get **23.0078, 24.2710, 43.0078**, and if you desaturate by 10%, it is **31.3299, 33.1777, 44.2883**.

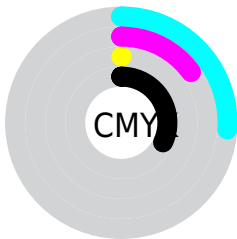
Distribution



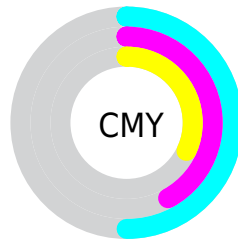
- Red (50%)
- Green (58%)
- Blue (68%)



- Red (50%)
- Yellow (55%)
- Blue (68%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (32%)



- Cyan (50%)
- Magenta (42%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8786, 28.4738, 43.6145 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 26.8786, 28.4738, 43.6145 by changing the saturation by 10% instead.

■ 26.8786, 28.4738,
43.6145

■ 26.8786, 28.4738,
43.6145

279.2471,
294.7240, 377.1280

■ 17.6182, 18.6831,
30.0326

■ 54.1103, 57.2400,
81.9336

■ 10.7742, 11.4415,
19.6111

■ 72.8122, 76.9843,
107.5079

■ 5.9814, 6.3646,
11.9314

■ 95.3921, 100.8153,
137.9168

■ 2.8743, 3.0681,
6.5750

122.2152,
129.1173, 173.5787

■ 1.0877, 1.1674,
3.1234

153.6469,
162.2748, 214.9122

■ 0.0148, 0.0348,
1.1580

190.0525,

■ 0.0000, 0.0000,

200.6722, 262.3360

0.0000

231.7975,
244.6938, 316.2684

■ 26.8786, 28.4738,
43.6145

■ 26.8786, 28.4738,
43.6145

■ 23.0078, 24.2710,
43.0078

■ 31.3299, 33.1777,
44.2883

■ 19.6890, 20.5476,
42.4640

■ 36.3832, 38.3966,
45.0293

■ 16.8949, 17.2847,
41.9815

■ 42.0623, 44.1482,
45.8402

■ 14.5950, 14.4612,
41.5577

■ 48.3885, 50.4481,
46.7228

■ 12.7548, 12.0537,
41.1900

■ 55.3825, 57.3114,
47.6789

■ 11.3353, 10.0357,
40.8753

■ 63.0637, 64.7523,
48.7103

■ 10.2859, 8.3749,
40.6100

■ 71.4508, 72.7847,
49.8186

■ 9.9289, 7.7891,
40.5158

■ 76.2417, 79.1948,
50.8034

■ 79.0547, 84.8208,
51.7411

Harmonies

Analogous

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



25.0012, 28.4738, 41.4337



26.8786, 28.4738, 43.6145



28.8996, 28.4738, 42.0810

Triad

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



26.8786, 28.4738, 43.6145



30.6964, 28.4738, 26.1386



23.8993, 28.4738, 25.3267

Complementary

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



26.8786, 28.4738, 43.6145



32.6857, 33.5539, 25.1765

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.



25.3069, 28.4738, 22.0631



26.8786, 28.4738, 43.6145



29.2362, 28.4738, 22.4888

Square

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



26.8786, 28.4738, 43.6145



31.1682, 28.4738, 31.5369



27.2492, 28.4738, 21.0924



23.3360, 28.4738, 30.4754

Rectangle

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



26.8786, 28.4738, 43.6145



30.0452, 28.4738, 39.2529



27.2492, 28.4738, 21.0924



24.2859, 28.4738, 23.9987

Sweetspot

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



26.8795, 28.4749, 43.6152



63.1408, 66.6971, 80.3517



29.6374, 36.7933, 35.8943



13.4254, 14.1899, 17.4190



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.



26.8795, 28.4749, 43.6152



44.1792, 46.7243, 77.4960



24.6226, 23.2814, 42.7316



7.8465, 8.2923, 10.1397



7.3483, 5.8305, 29.7826



0.2593, 0.2720, 0.8468

Inverse Universe

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



30.2199, 26.4298, 31.1138



51.2325, 42.7689, 51.0181



35.4179, 39.9922, 26.2752



8.1403, 8.0694, 9.0496



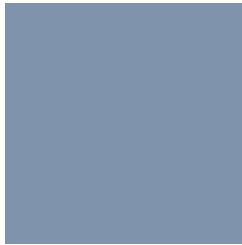
13.5727, 6.8916, 5.3955



0.4053, 0.2028, 0.2961

Previews

White Background



This preview shows how the XYZ color 26.8786, 28.4738, 43.6145 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 26.8786, 28.4738, 43.6145 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 26.8786, 28.4738, 43.6145

Background



This preview shows how black text looks on a background with the XYZ color 26.8786, 28.4738, 43.6145.



This preview shows how white text looks on a background with the XYZ color 26.8786, 28.4738,

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

26.8786, 28.4738, 43.6145

Protanopia

28.1392, 28.4622, 42.5387

Deuteranopia

28.9900, 28.4217, 44.0024



Tritanopia

25.7847, 28.5037, 37.8610

Trichromacy



Original Color

26.8786, 28.4738, 43.6145

Protanomaly

27.7251, 28.4636, 43.0625

Deuteranomaly

28.2607, 28.4915, 44.0543

Tritanomaly

26.1338, 28.4084, 39.7033

Monochromacy



Original Color

26.8786, 28.4738, 43.6145

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.5230, 28.0206, 35.0210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8786, 28.4738, 43.6145 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(128, 147, 173)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 173)  
}
```

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(128, 147, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 173) }
```

Border

The CSS property to change the border of an element to XYZ 26.8786, 28.4738, 43.6145 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(128, 147, 173) }
```


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

```
.border{ border-color:rgb(128, 147, 173) }
```

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

Here you see how a box with a 4 pixel rgb(128, 147, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 173);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8786, 28.4738, 43.6145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 173) }
```

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

```
.background{ background-color: rgb(128,  
147, 173) }
```

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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