

Converting Colors

XYZ(24.2434, 30.6338, 28.6150)

Have a look what the booklet for
XYZ(24.2434, 30.6338, 28.6150)
contains.

XYZ(24.2285, 30.6214, 28.6783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2285, 30.6214,
28.6783)**

Conversions

Conversions Part 1

Format	Color
Hex	73A08A
RGB	115, 160, 138
RGB Percent	45%, 63%, 54%
CMY	0.5490, 0.3725, 0.4588
CMYK	0.28, 0.00, 0.14, 0.37
HSL	151°, 19%, 54%
HSV	151°, 28%, 63%
XYZ	24.2285, 30.6214, 28.6783
YIQ	144.0370, -19.7580, -16.3820

Conversions

Conversions Part 2

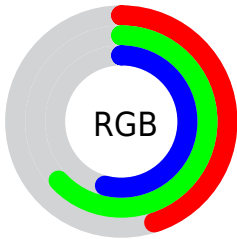
Format	Color
RYB	115, 145, 160
Decimal	7577738
CIELab	62.19, -19.98, 6.60
CIElCh	62, 21.045, 161.715
Yxy	30.6214, 0.2901, 0.3666
Android (android.graphics.Color)	4285767818 (0xFF73A08A)
YUV	144.0370, -2.9762, -25.4654
Hunter-Lab	55.3366, -18.6849, 8.0085

Details

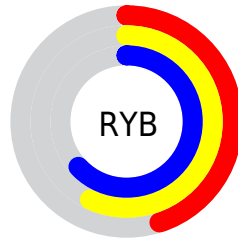
The XYZ color **24.2285, 30.6214, 28.6783** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.1444, 21.5420, 26.5010**, and the grayscale version is **26.5421, 27.9244, 30.4097**.

A 20% lighter version of the original color is **49.8529, 60.6873, 58.3765**, and **9.3040, 12.5535, 11.1652** is the 20% darker color. If you saturate the color by 10%, you get **21.7584, 29.4119, 25.7122**, and if you desaturate by 10%, it is **27.1064, 32.0380, 31.8777**.

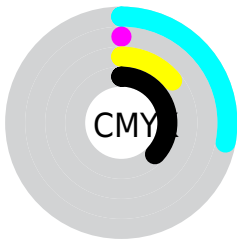
Distribution



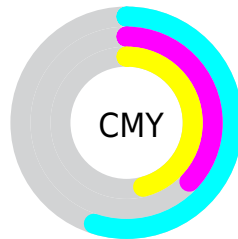
- Red (45%)
- Green (63%)
- Blue (54%)



- Red (45%)
- Yellow (57%)
- Blue (63%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (37%)



- Cyan (55%)
- Magenta (37%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2285, 30.6214, 28.6783 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 24.2285, 30.6214, 28.6783 by changing the saturation by 10% instead.

■ 24.2285, 30.6214,
28.6783

■ 24.2285, 30.6214,
28.6783

266.3928,
304.7903, 309.7073

■ 15.6289, 20.3107,
18.5941

■ 49.8548, 60.6435,
58.6016

■ 9.3511, 12.6211,
11.2035

■ 67.6121, 81.1237,
79.2779

■ 5.0298, 7.1682,
6.0880

■ 89.1528, 105.7626,
104.3219

■ 2.2997, 3.5675,
2.8290

114.8421,
134.9445, 134.1522

■ 0.7945, 1.4347,
1.0080

145.0454,
169.0538, 169.1874

■ 0.0000, 0.2421,
0.0000

180.1280,

■ 0.0000, 0.0000,

208.4750, 209.8459

0.0000

220.4553,
253.5923, 256.5464

■ 24.2285, 30.6214,
28.6783

■ 24.2285, 30.6214,
28.6783

■ 21.7584, 29.4119,
25.7122

■ 27.1064, 32.0380,
31.8777

■ 19.6737, 28.3957,
22.9721

■ 30.4077, 33.6673,
35.3136

■ 17.9538, 27.5631,
20.4530

■ 34.1507, 35.5193,
38.9917

■ 16.5752, 26.9020,
18.1491

■ 38.3514, 37.6023,
42.9169

■ 15.5112, 26.3987,
16.0541

■ 43.0252, 39.9242,
47.0937

■ 14.7310, 26.0376,
14.1615

■ 48.1868, 42.4923,
51.5267

■ 14.1796, 25.7903,
12.4633

■ 53.8501, 45.3138,
56.2205

■ 14.0858, 25.7485,
12.1654

■ 60.0286, 48.3956,
61.1793

■ 65.2466, 50.9768,
66.3376

Harmonies

Analogous

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



25.6252, 30.6214, 22.9908



24.2285, 30.6214, 28.6783



24.0857, 30.6214, 36.6136

Triad

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



24.2285, 30.6214, 28.6783



30.2259, 30.6214, 51.0880



33.3674, 30.6214, 23.9927

Complementary

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



24.2285, 30.6214, 28.6783



25.1444, 21.5420, 26.5010

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.



34.7767, 30.6214, 30.2704



24.2285, 30.6214, 28.6783



32.8858, 30.6214, 46.4089

Square

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



24.2285, 30.6214, 28.6783



27.4273, 30.6214, 50.4748



34.5949, 30.6214, 38.4846



30.8491, 30.6214, 20.6038

Rectangle

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



24.2285, 30.6214, 28.6783



24.7085, 30.6214, 42.2425



34.5949, 30.6214, 38.4846



33.9937, 30.6214, 25.7879

Sweetspot

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



24.2293, 30.6227, 28.6790



55.1909, 61.1185, 64.0981



26.0650, 31.7415, 20.9731



11.9049, 13.3057, 13.8554



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



24.2293, 30.6227, 28.6790



40.9805, 54.1231, 48.5059



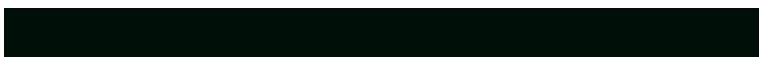
25.9872, 31.3258, 37.9360



6.6851, 7.4548, 7.7765



10.9945, 20.0657, 9.5940



0.2179, 0.3673, 0.2840

Inverse Universe

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



25.1444, 21.5420, 26.5010



42.9322, 34.7566, 43.8619



23.7234, 20.9736, 19.0181



6.7614, 6.6975, 7.5948



12.3928, 6.2617, 6.3196



0.2429, 0.1205, 0.2253

Previews

White Background



This preview shows how the XYZ color 24.2285, 30.6214, 28.6783 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 24.2285, 30.6214, 28.6783 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 24.2285, 30.6214, 28.6783

Background



This preview shows how black text looks on a background with the XYZ color 24.2285, 30.6214, 28.6783.



This preview shows how white text looks on a background with the XYZ color 24.2285, 30.6214,

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

24.2285, 30.6214, 28.6783

Protanopia

28.6226, 30.2288, 26.1560

Deuteranopia

30.8695, 30.3894, 29.4380



Tritanopia

26.8415, 30.6690, 41.5508

Trichromacy



Original Color

24.2285, 30.6214, 28.6783

Protanomaly

26.6788, 30.1664, 26.9708

Deuteranomaly

27.8527, 30.0020, 29.1339

Tritanomaly

25.7505, 30.4702, 36.4224

Monochromacy



Original Color

24.2285, 30.6214, 28.6783

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.4617, 28.7522, 29.7989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2285, 30.6214, 28.6783 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(115, 160, 138)` looks like.

```
.text, #text, p{  
    color:rgb(115, 160, 138)  
}
```

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(115, 160, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 160, 138) }
```

Border

The CSS property to change the border of an element to XYZ 24.2285, 30.6214, 28.6783 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(115, 160, 138) }
```


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

```
.border{ border-color:rgb(115, 160, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 160, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 160, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 160, 138);  
box-shadow:4px 4px 4px 4px rgb(115, 160,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2285, 30.6214, 28.6783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 160, 138) }
```

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

```
.background{ background-color: rgb(115,  
160, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor