

Converting Colors

XYZ(24.2885, 26.3601, 30.2189)

Have a look what the booklet for
XYZ(24.2885, 26.3601, 30.2189)
contains.

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Color

**XYZ(24.2228, 26.2652,
30.1786)**

Conversions

Conversions Part 1

Format	Color
Hex	848E90
RGB	132, 142, 144
RGB Percent	52%, 56%, 56%
CMY	0.4823, 0.4431, 0.4353
CMYK	0.08, 0.01, 0.00, 0.44
HSL	190°, 5%, 54%
HSV	190°, 8%, 56%
XYZ	24.2228, 26.2652, 30.1786
YIQ	139.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

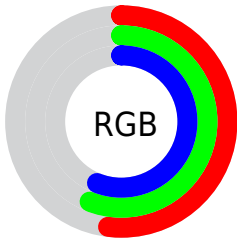
Format	Color
R_{YB}	132, 137, 144
Decimal	8687248
CIE _{Lab}	58.29, -3.20, -2.32
CIE _{LCh}	58, 3.952, 215.888
Yxy	26.2652, 0.3003, 0.3256
Android (android.graphics.Color)	4286877328 (0xFF848E90)
YUV	139.2380, 2.3477, -6.3477
Hunter-Lab	51.2496, -5.3199, 0.9615

Details

The XYZ color **24.2228, 26.2652, 30.1786** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1917, 24.6453, 25.3122**, and the grayscale version is **24.6260, 25.9085, 28.2143**.

A 20% lighter version of the original color is **49.9406, 53.8714, 61.1921**, and **9.4148, 10.3014, 12.0818** is the 20% darker color. If you saturate the color by 10%, you get **21.7719, 24.4786, 29.9633**, and if you desaturate by 10%, it is **26.9937, 28.2296, 30.4121**.

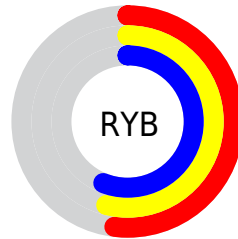
Distribution



Red (52%)

Green (56%)

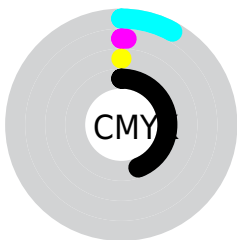
Blue (56%)



Red (52%)

Yellow (54%)

Blue (56%)

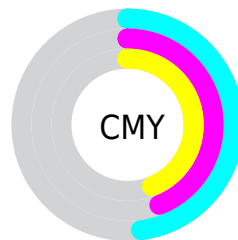


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2228, 26.2652, 30.1786 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 24.2228, 26.2652, 30.1786 by changing the saturation by 10% instead.

■ 24.2228, 26.2652,
30.1786

■ 24.2228, 26.2652,
30.1786

266.3646,
284.0815, 316.9692

■ 15.6246, 17.0221,
19.7210

■ 49.8456, 53.7025,
61.0089

■ 9.3481, 10.2503,
12.0103

■ 67.6008, 72.6655,
82.2186

■ 5.0278, 5.5652,
6.6281

■ 89.1392, 95.6372,
107.8494

■ 2.2985, 2.5826,
3.1557

114.8260,
123.0022, 138.3199

■ 0.7939, 0.9179,
1.1747

145.0266,
155.1447, 174.0486

■ 0.0000, 0.0000,
0.0000

180.1063,

192.4491, 215.4540

220.4305,
235.3000, 262.9547

■ 24.2228, 26.2652,
30.1786

■ 24.2228, 26.2652,
30.1786

■ 21.7719, 24.4786,
29.9633

■ 26.9937, 28.2296,
30.4121

■ 19.6261, 22.8599,
29.7640

■ 30.0944, 30.3748,
30.6628

■ 17.7726, 21.4031,
29.5805

■ 33.5370, 32.7077,
30.9316

■ 16.1967, 20.1006,
29.4121

■ 37.3322, 35.2340,
31.2192

■ 14.8826, 18.9442,
29.2582

■ 41.4904, 37.9591,
31.5261

■ 13.8126, 17.9246,
29.1178

■ 46.0214, 40.8881,
31.8526

■ 12.9671, 17.0317,
28.9900

■ 50.9349, 44.0261,
32.1993

■ 12.3230, 16.2536,
28.8738

■ 56.2398, 47.3778,
32.5667

■ 11.8322, 15.5653,
28.7668

■ 59.4743, 49.6740,
32.8394

Harmonies

Analogous

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



24.0560, 26.2652, 28.8708



24.2228, 26.2652, 30.1786



24.5885, 26.2652, 31.0836

Triad

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



24.2228, 26.2652, 30.1786



25.8176, 26.2652, 29.6936



24.8696, 26.2652, 26.0448

Complementary

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



24.2228, 26.2652, 30.1786



24.1917, 24.6453, 25.3122

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.



25.3438, 26.2652, 26.2492



24.2228, 26.2652, 30.1786



25.8952, 26.2652, 28.3276

Square

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



24.2228, 26.2652, 30.1786



25.5101, 26.2652, 30.7973



25.7207, 26.2652, 27.0742



24.4263, 26.2652, 26.5066

Rectangle

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



24.2228, 26.2652, 30.1786



24.8981, 26.2652, 31.3212



25.7207, 26.2652, 27.0742



25.0306, 26.2652, 26.0381

Sweetspot

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



24.2236, 26.2663, 30.1792



45.7314, 48.4689, 53.4832



23.7786, 26.5682, 26.3566



10.5021, 11.1255, 12.2661



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.2236, 26.2663, 30.1792



41.8725, 45.7135, 53.1547



23.3826, 24.5843, 29.8989



5.4849, 5.9656, 6.8912



10.2500, 13.4860, 25.0399



0.1111, 0.1552, 0.2438

Inverse Universe

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



24.6360, 24.3854, 29.0009



42.7557, 41.7128, 50.6255



25.0158, 26.2935, 25.5869



5.5882, 5.4958, 6.5957



12.9768, 6.3478, 16.0612



0.1307, 0.0633, 0.1884

Previews

White Background



This preview shows how the XYZ color 24.2228, 26.2652, 30.1786 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 24.2228, 26.2652, 30.1786 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

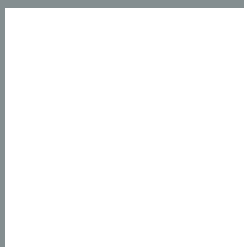
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2228, 26.2652, 30.1786

Background



This preview shows how black text looks on a background with the XYZ color 24.2228, 26.2652, 30.1786.



This preview shows how white text looks on a background with the XYZ color 24.2228, 26.2652,

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

24.2228, 26.2652, 30.1786

Protanopia

25.2704, 26.1690, 29.3104

Deuteranopia

26.6775, 26.2320, 30.4453



Tritanopia

24.8652, 26.3033, 33.4723

Trichromacy



Original Color

24.2228, 26.2652, 30.1786

Protanomaly

24.8172, 26.1426, 29.7246

Deuteranomaly

25.7009, 26.1506, 30.4810

Tritanomaly

24.6226, 26.2062, 32.1943

Monochromacy



Original Color

24.2228, 26.2652, 30.1786

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3391, 25.9135, 28.9183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2228, 26.2652, 30.1786 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(132, 142, 144) looks like.

```
.text, #text, p{  
    color:rgb(132, 142, 144)  
}
```

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(132, 142, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 142, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.2228, 26.2652, 30.1786 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(132, 142, 144) }
```


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

```
.border{ border-color:rgb(132, 142, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 142, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 142, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 142, 144);  
box-shadow:4px 4px 4px 4px rgb(132, 142,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2228, 26.2652, 30.1786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 142, 144) }
```

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

```
.background{ background-color: rgb(132,  
142, 144) }
```

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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