

Converting Colors

XYZ(18.2325, 24.6696, 24.2228)

Have a look what the booklet for
XYZ(18.2325, 24.6696, 24.2228)
contains.

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Color

**XYZ(18.2325, 24.6696,
24.2228)**

Conversions

Conversions Part 1

Format	Color
Hex	559480
RGB	85, 148, 128
RGB Percent	33%, 58%, 50%
CMY	0.6667, 0.4196, 0.4980
CMYK	0.43, 0.00, 0.14, 0.42
HSL	161°, 27%, 46%
HSV	161°, 43%, 58%
XYZ	18.2325, 24.6696, 24.2228
YIQ	126.8830, -31.1280, -19.5760

Conversions

Conversions Part 2

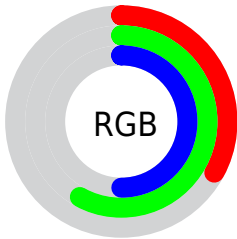
Format	Color
RYB	85, 122, 148
Decimal	5608576
CIELab	56.75, -25.22, 4.25
CIELCh	57, 25.579, 170.438
Yxy	24.6696, 0.2716, 0.3675
Android (android.graphics.Color)	4283798656 (0xFF559480)
YUV	126.8830, 0.5507, -36.7314
Hunter-Lab	49.6685, -21.3954, 5.8528

Details

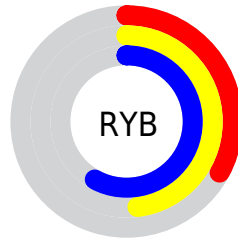
The XYZ color **18.2325, 24.6696, 24.2228** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0119, 13.8135, 15.0825**, and the grayscale version is **20.1390, 21.1878, 23.0735**.

A 20% lighter version of the original color is **39.9423, 50.9805, 51.4511**, and **6.2816, 9.4210, 8.8845** is the 20% darker color. If you saturate the color by 10%, you get **16.7248, 23.9279, 22.5753**, and if you desaturate by 10%, it is **20.0370, 25.5639, 25.9600**.

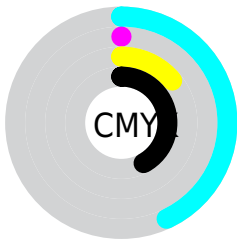
Distribution



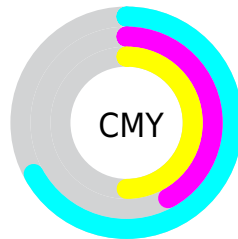
- Red (33%)
- Green (58%)
- Blue (50%)



- Red (33%)
- Yellow (48%)
- Blue (58%)



- Cyan (43%)
- Magenta (0%)
- Yellow (14%)
- Black (42%)



- Cyan (67%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2325, 24.6696, 24.2228 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 18.2325, 24.6696, 24.2228 by changing the saturation by 10% instead.

■ 18.2325, 24.6696,
24.2228

■ 18.2325, 24.6696,
24.2228

235.1986,
276.1885, 287.2677

■ 11.2177, 15.8311,
15.2852

■ 39.9601, 51.1207,
51.3419

■ 6.2819, 9.4047,
8.8710

■ 55.4036, 69.5021,
70.3606

■ 3.0595, 5.0061,
4.5615

■ 74.3875, 91.8332,
93.5767

■ 1.1853, 2.2508,
1.9381

■ 97.2769, 118.4984,
121.4087

■ 0.0947, 0.7475,
0.5168

■ 124.4375,
149.8822, 154.2753

■ 0.0000, 0.0000,
0.0000

156.2343,

186.3688, 192.5950

193.0329,
228.3428, 236.7863

■ 18.2325, 24.6696,
24.2228

■ 18.2325, 24.6696,
24.2228

■ 16.7248, 23.9279,
22.5753

■ 20.0370, 25.5639,
25.9600

■ 15.4940, 23.3267,
21.0140

■ 22.1524, 26.6162,
27.7871

■ 14.5208, 22.8567,
19.5376


■ 24.5947, 27.8353,
29.7061


■ 13.7827, 22.5062,
18.1439


■ 27.3780, 29.2285,
31.7188

■ 13.2529, 22.2616,
16.8305


■ 30.5153, 30.8024,
33.8266

 12.9400, 22.1205,
15.9033

 34.0194, 32.5637,
36.0311

 37.9021, 34.5183,
38.3338

 42.1747, 36.6722,
40.7360

 46.8482, 39.0309,
43.2391

Harmonies

Analogous

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



19.2965, 24.6696, 17.6953



18.2325, 24.6696, 24.2228



18.4716, 24.6696, 33.0176

Triad

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



18.2325, 24.6696, 24.2228



25.5090, 24.6696, 45.3891



27.2953, 24.6696, 16.0796

Complementary

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



18.2325, 24.6696, 24.2228



18.0119, 13.8135, 15.0825

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.



29.2458, 24.6696, 21.5216



18.2325, 24.6696, 24.2228



28.1553, 24.6696, 38.7453

Square

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



18.2325, 24.6696, 24.2228



22.5075, 24.6696, 46.5424



29.5732, 24.6696, 29.6841



24.4138, 24.6696, 13.6967

Rectangle

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



18.2325, 24.6696, 24.2228



19.3461, 24.6696, 38.9918



29.5732, 24.6696, 29.6841



28.0915, 24.6696, 17.5499

Sweetspot

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



18.2332, 24.6706, 24.2234



43.0770, 48.9534, 52.1731



18.1742, 24.9009, 12.4432



9.6236, 11.0701, 11.7496



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



18.2332, 24.6706, 24.2234



29.6420, 42.2833, 39.9871



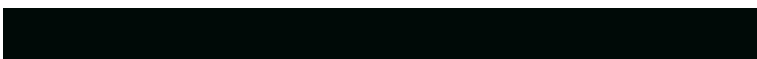
18.1093, 22.1042, 31.3302



5.8865, 6.5312, 7.0135



11.0651, 18.8988, 13.6502



0.1489, 0.2367, 0.2377

Inverse Universe

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



18.0119, 13.8135, 15.0825



29.2072, 20.5357, 21.7191



17.9906, 15.2273, 10.5857



5.8722, 5.8439, 6.4329



10.8810, 5.5574, 2.8543



0.1454, 0.0729, 0.0994

Previews

White Background



This preview shows how the XYZ color 18.2325, 24.6696, 24.2228 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 18.2325, 24.6696, 24.2228 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 18.2325, 24.6696, 24.2228

Background



This preview shows how black text looks on a background with the XYZ color 18.2325, 24.6696, 24.2228.



This preview shows how white text looks on a background with the XYZ color 18.2325, 24.6696,

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

18.2325, 24.6696, 24.2228

Protanopia

23.0997, 24.3711, 21.5758

Deuteranopia

24.8588, 24.3826, 25.2259



Tritanopia

20.3876, 24.6221, 35.1305

Trichromacy



Original Color

18.2325, 24.6696, 24.2228

Protanomaly

20.9013, 24.2764, 22.6530

Deuteranomaly

21.6466, 23.9656, 24.9577

Tritanomaly

19.4335, 24.4500, 30.8892

Monochromacy



Original Color

18.2325, 24.6696, 24.2228

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1768, 22.3050, 23.3732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2325, 24.6696, 24.2228 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(85, 148, 128)` looks like.

```
.text, #text, p{  
    color:rgb(85, 148, 128)  
}
```

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(85, 148, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 148, 128) }
```

Border

The CSS property to change the border of an element to XYZ 18.2325, 24.6696, 24.2228 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(85, 148, 128) }
```


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

```
.border{ border-color:rgb(85, 148, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 148, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 148, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 148, 128);  
box-shadow:4px 4px 4px 4px rgb(85, 148,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2325, 24.6696, 24.2228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 148, 128) }
```

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

```
.background{ background-color: rgb(85, 148,  
128) }
```

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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