

Converting Colors

XYZ(22.5722, 25.2864, 33.2808)

Have a look what the booklet for
XYZ(22.5722, 25.2864, 33.2808)
contains.

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Color

**XYZ(22.6766, 25.3949,
33.4123)**

Conversions

Conversions Part 1

Format	Color
Hex	758E98
RGB	117, 142, 152
RGB Percent	46%, 56%, 60%
CMY	0.5412, 0.4431, 0.4039
CMYK	0.23, 0.07, 0.00, 0.40
HSL	197°, 15%, 53%
HSV	197°, 23%, 60%
XYZ	22.6766, 25.3949, 33.4123
YIQ	135.6650, -18.1100, -2.1900

Conversions

Conversions Part 2

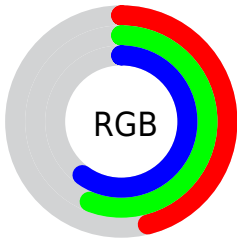
Format	Color
R_{YB}	117, 132, 152
Decimal	7704216
CIE _{Lab}	57.46, -6.52, -8.25
CIE _{LCh}	57, 10.514, 231.676
Yxy	25.3949, 0.2783, 0.3117
Android (android.graphics.Color)	4285894296 (0xFF758E98)
YUV	135.6650, 8.0532, -16.3692
Hunter-Lab	50.3934, -7.8648, -4.0357

Details

The XYZ color **22.6766, 25.3949, 33.4123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7494, 23.1386, 20.0446**, and the grayscale version is **23.2528, 24.4638, 26.6411**.

A 20% lighter version of the original color is **47.4581, 52.4821, 66.0213**, and **8.5600, 9.8228, 13.7568** is the 20% darker color. If you saturate the color by 10%, you get **20.1645, 23.1600, 33.1137**, and if you desaturate by 10%, it is **25.5470, 27.8532, 33.7359**.

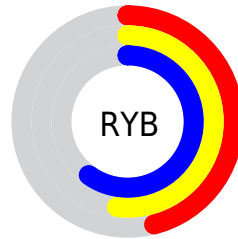
Distribution



Red (46%)

Green (56%)

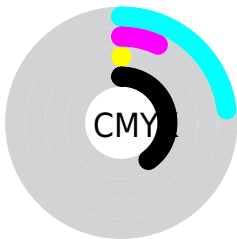
Blue (60%)



Red (46%)

Yellow (52%)

Blue (60%)

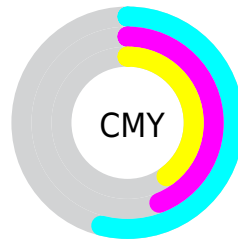


Cyan (23%)

Magenta (7%)

Yellow (0%)

Black (40%)



Cyan (54%)

Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6766, 25.3949, 33.4123 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 22.6766, 25.3949, 33.4123 by changing the saturation by 10% instead.

■ 22.6766, 25.3949,
33.4123

■ 22.6766, 25.3949,
33.4123

258.6260,
279.7989, 332.1923

■ 14.4743, 16.3715,
22.1688

■ 47.3323, 52.2971,
66.1421

■ 8.5352, 9.7874,
13.7815

■ 64.5164, 70.9448,
88.4655

■ 4.4939, 5.2582,
7.8318

■ 85.4252, 93.5693,
115.3192

■ 1.9852, 2.3996,
3.9013

110.4240,
120.5551, 147.1219

■ 0.6256, 0.8257,
1.5714

139.8781,
152.2866, 184.2920

■ 0.0000, 0.0000,
0.2703

174.1529,

■ 0.0000, 0.0000,

189.1481, 227.2480

0.0000

213.6137,
231.5241, 276.4086

■ 22.6766, 25.3949,
33.4123

■ 22.6766, 25.3949,
33.4123

■ 20.1645, 23.1600,
33.1137

■ 25.5470, 27.8532,
33.7359

■ 17.9922, 21.1366,
32.8377

■ 28.7887, 30.5400,
34.0837

■ 16.1428, 19.3162,
32.5838

■ 32.4167, 33.4641,
34.4569

■ 14.5972, 17.6884,
32.3511

■ 36.4444, 36.6328,
34.8562

■ 13.3338, 16.2418,
32.1384

■ 40.8847, 40.0533,
35.2824

■ 12.3282, 14.9633,
31.9446

■ 45.7498, 43.7321,
35.7361

■ 11.5514, 13.8375,
31.7683

■ 51.0515, 47.6757,
36.2178

■ 11.0915, 13.1149,
31.6530

■ 56.8009, 51.8903,
36.7283

■ 63.0090, 56.3817,
37.2680

Harmonies

Analogous

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



21.9710, 25.3949, 30.2729



22.6766, 25.3949, 33.4123



23.7907, 25.3949, 35.0391

Triad

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



22.6766, 25.3949, 33.4123



26.5952, 25.3949, 28.6597



23.2599, 25.3949, 21.7326

Complementary

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



22.6766, 25.3949, 33.4123



23.7494, 23.1386, 20.0446

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.



24.4869, 25.3949, 21.3816



22.6766, 25.3949, 33.4123



26.4411, 25.3949, 25.1846

Square

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



22.6766, 25.3949, 33.4123



26.0729, 25.3949, 32.1444



25.6590, 25.3949, 22.5928



22.2995, 25.3949, 23.5967

Rectangle

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



22.6766, 25.3949, 33.4123



24.6269, 25.3949, 34.9573



25.6590, 25.3949, 22.5928



23.6538, 25.3949, 21.4406

Sweetspot

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



22.6774, 25.3959, 33.4129



48.3812, 51.9061, 59.9026



22.3902, 27.7690, 24.2306



10.9281, 11.7410, 13.6078



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.6774, 25.3959, 33.4129



37.5033, 42.6003, 58.6797



20.2851, 20.6114, 32.6155



6.2354, 6.7282, 7.8990



9.3271, 11.0508, 26.5491



0.1699, 0.2261, 0.4071

Inverse Universe

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



24.1933, 21.3515, 28.4385



40.7400, 34.2640, 47.9916



26.1967, 28.0332, 20.8604



6.3859, 6.2935, 7.4125



13.1666, 6.5209, 12.6684



0.2122, 0.1036, 0.2704

Previews

White Background



This preview shows how the XYZ color 22.6766, 25.3949, 33.4123 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 22.6766, 25.3949, 33.4123 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

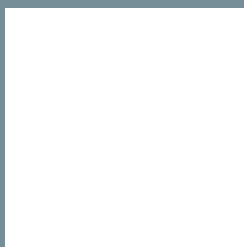
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6766, 25.3949, 33.4123

Background



This preview shows how black text looks on a background with the XYZ color 22.6766, 25.3949, 33.4123.



This preview shows how white text looks on a background with the XYZ color 22.6766, 25.3949,

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

22.6766, 25.3949, 33.4123

Protanopia

24.6870, 25.3796, 32.0314

Deuteranopia

25.8594, 25.3126, 34.0947



Tritanopia

22.7589, 25.4278, 33.8455

Trichromacy



Original Color

22.6766, 25.3949, 33.4123

Protanomaly

23.9436, 25.4131, 32.4974

Deuteranomaly

24.5269, 25.2596, 33.7199

Tritanomaly

22.7589, 25.4278, 33.8455

Monochromacy



Original Color

22.6766, 25.3949, 33.4123

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0242, 24.7971, 29.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6766, 25.3949, 33.4123 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(117, 142, 152)` looks like.

```
.text, #text, p{  
    color:rgb(117, 142, 152)  
}
```

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(117, 142, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 142, 152) }
```

Border

The CSS property to change the border of an element to XYZ 22.6766, 25.3949, 33.4123 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(117, 142, 152) }
```


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

```
.border{ border-color:rgb(117, 142, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 142, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 142, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 142, 152);  
box-shadow:4px 4px 4px 4px rgb(117, 142,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6766, 25.3949, 33.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 142, 152) }
```

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

```
.background{ background-color: rgb(117,  
142, 152) }
```

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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