

Converting Colors

XYZ(22.5481, 25.2610, 32.2672)

Have a look what the booklet for
XYZ(22.5481, 25.2610, 32.2672)
contains.

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Color

**XYZ(22.5690, 25.3675,
32.1407)**

Conversions

Conversions Part 1

Format	Color
Hex	768E95
RGB	118, 142, 149
RGB Percent	46%, 56%, 58%
CMY	0.5373, 0.4431, 0.4157
CMYK	0.21, 0.05, 0.00, 0.42
HSL	194°, 13%, 52%
HSV	194°, 21%, 58%
XYZ	22.5690, 25.3675, 32.1407
YIQ	135.6220, -16.5510, -2.9110

Conversions

Conversions Part 2

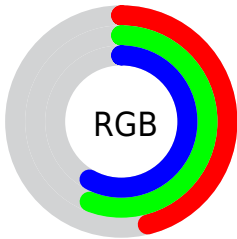
Format	Color
R_{YB}	118, 132, 149
Decimal	7769749
CIE _{Lab}	57.43, -6.90, -6.56
CIE _{LCh}	57, 9.518, 223.566
Yxy	25.3675, 0.2818, 0.3168
Android (android.graphics.Color)	4285959829 (0xFF768E95)
YUV	135.6220, 6.5954, -15.4545
Hunter-Lab	50.3662, -8.1552, -2.5791

Details

The XYZ color **22.5690, 25.3675, 32.1407** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9982, 22.3647, 20.2446**, and the grayscale version is **23.2417, 24.4520, 26.6283**.

A 20% lighter version of the original color is **47.3140, 52.4496, 64.1300**, and **8.4860, 9.8013, 12.9999** is the 20% darker color. If you saturate the color by 10%, you get **20.2105, 23.4205, 31.8896**, and if you desaturate by 10%, it is **25.2637, 27.5115, 32.4129**.

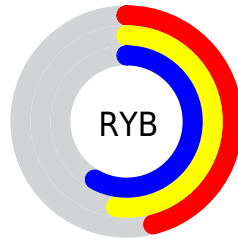
Distribution



Red (46%)

Green (56%)

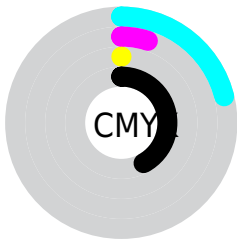
Blue (58%)



Red (46%)

Yellow (52%)

Blue (58%)

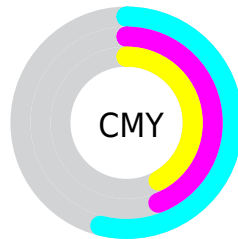


Cyan (21%)

Magenta (5%)

Yellow (0%)

Black (42%)



Cyan (54%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5690, 25.3675, 32.1407 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 22.5690, 25.3675, 32.1407 by changing the saturation by 10% instead.

■ 22.5690, 25.3675,
32.1407

■ 22.5690, 25.3675,
32.1407

258.0804,
279.6632, 326.2721

■ 14.3945, 16.3511,
21.2033

■ 47.1565, 52.2528,
64.1321

■ 8.4791, 9.7729,
13.0800

■ 64.3003, 70.8904,
86.0231

■ 4.4574, 5.2487,
7.3523

■ 85.1646, 93.5039,
112.4024

■ 1.9640, 2.3939,
3.6016

110.1146,
120.4777, 143.6885

■ 0.6136, 0.8227,
1.4094

139.5159,
152.1961, 180.3000

■ 0.0000, 0.0000,
0.1491

173.7337,

■ 0.0000, 0.0000,

189.0436, 222.6555

0.0000

213.1334,
231.4045, 271.1733

■ 22.5690, 25.3675,
32.1407

■ 22.5690, 25.3675,
32.1407

■ 20.2105, 23.4205,
31.8896

■ 25.2637, 27.5115,
32.4129

■ 18.1710, 21.6596,
31.6572

■ 28.3066, 29.8570,
32.7053

■ 16.4348, 20.0770,
31.4433

■ 31.7116, 32.4120,
33.0190

■ 14.9842, 18.6635,
31.2469

■ 35.4913, 35.1831,
33.3546

■ 13.7994, 17.4087,
31.0671

■ 39.6578, 38.1768,
33.7129

■ 12.8581, 16.3008,
30.9029

■ 44.2223, 41.3990,
34.0942

■ 12.1339, 15.3260,
30.7529

■ 49.1959, 44.8557,
34.4993

■ 11.5974, 14.5150,
30.6246

■ 54.5890, 48.5523,
34.9286

■ 60.4117, 52.4944,
35.3826

Harmonies

Analogous

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



22.0577, 25.3675, 29.1081



22.5690, 25.3675, 32.1407



23.5009, 25.3675, 34.0374

Triad

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



22.5690, 25.3675, 32.1407



26.2582, 25.3675, 29.4211



23.6044, 25.3675, 21.9968

Complementary

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



22.5690, 25.3675, 32.1407



22.9982, 22.3647, 20.2446

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.



24.7317, 25.3675, 22.0662



22.5690, 25.3675, 32.1407



26.2880, 25.3675, 26.1852

Square

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



22.5690, 25.3675, 32.1407



25.6415, 25.3675, 32.3852



25.7218, 25.3675, 23.5460



22.6427, 25.3675, 23.3484

Rectangle

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



22.5690, 25.3675, 32.1407



24.2466, 25.3675, 34.3168



25.7218, 25.3675, 23.5460



23.9760, 25.3675, 21.8581

Sweetspot

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



22.5697, 25.3685, 32.1413



47.7162, 51.1901, 58.2870



21.9027, 26.8203, 23.3301



10.5064, 11.2918, 12.9106



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.



22.5697, 25.3685, 32.1413



38.3592, 43.7481, 57.3437



20.4578, 21.1447, 31.4373



5.8542, 6.3425, 7.3854



9.7835, 12.2617, 25.7821



0.1416, 0.1938, 0.3228

Inverse Universe

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



23.7559, 21.2999, 28.4516



40.9088, 35.2140, 49.3658



25.0746, 26.5176, 20.9367



5.9799, 5.8870, 7.0001



13.0653, 6.4312, 14.3569



0.1709, 0.0831, 0.2338

Previews

White Background



This preview shows how the XYZ color 22.5690, 25.3675, 32.1407 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 22.5690, 25.3675, 32.1407 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

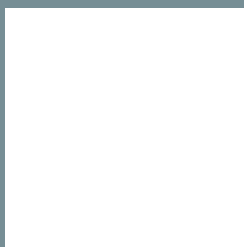
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5690, 25.3675, 32.1407

Background



This preview shows how black text looks on a background with the XYZ color 22.5690, 25.3675, 32.1407.

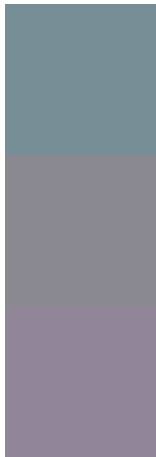


This preview shows how white text looks on a background with the XYZ color 22.5690, 25.3675,

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

22.5690, 25.3675, 32.1407

Protanopia

24.6152, 25.3699, 30.7937

Deuteranopia

25.7881, 25.3043, 32.8032



Tritanopia

22.8824, 25.2716, 33.8089

Trichromacy



Original Color

22.5690, 25.3675, 32.1407

Protanomaly

23.8592, 25.3971, 31.2484

Deuteranomaly

24.4424, 25.2442, 32.4385

Tritanomaly

22.8001, 25.2387, 33.3756

Monochromacy



Original Color

22.5690, 25.3675, 32.1407

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9495, 24.7672, 28.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5690, 25.3675, 32.1407 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(118, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(118, 142, 149)  
}
```

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(118, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 142, 149) }
```

Border

The CSS property to change the border of an element to XYZ 22.5690, 25.3675, 32.1407 is called "border". The border property can be set on classes, ids or directly on the HTML element.

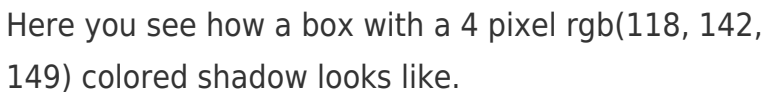
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 142, 149) }
```


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

```
.border{ border-color:rgb(118, 142, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 142, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 142, 149); box-shadow:4px 4px 4px 4px rgb(118, 142, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5690, 25.3675, 32.1407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 142, 149) }
```

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

```
.background{ background-color: rgb(118,  
142, 149) }
```

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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