

Converting Colors

XYZ(22.4610, 25.3881, 32.7345)

Have a look what the booklet for
XYZ(22.4610, 25.3881, 32.7345)
contains.

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Color

**XYZ(22.3805, 25.2610,
32.5504)**

Conversions

Conversions Part 1

Format	Color
Hex	748E96
RGB	116, 142, 150
RGB Percent	45%, 56%, 59%
CMY	0.5451, 0.4431, 0.4118
CMYK	0.23, 0.05, 0.00, 0.41
HSL	194°, 14%, 52%
HSV	194°, 23%, 59%
XYZ	22.3805, 25.2610, 32.5504
YIQ	135.1380, -18.0640, -3.0240

Conversions

Conversions Part 2

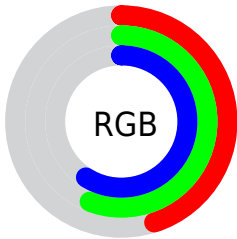
Format	Color
R_{YB}	116, 131, 150
Decimal	7638678
CIE _{Lab}	57.33, -7.32, -7.30
CIE _{LCh}	57, 10.337, 224.934
Yxy	25.2610, 0.2791, 0.3150
Android (android.graphics.Color)	4285828758 (0xFF748E96)
YUV	135.1380, 7.3270, -16.7840
Hunter-Lab	50.2603, -8.4710, -3.2161

Details

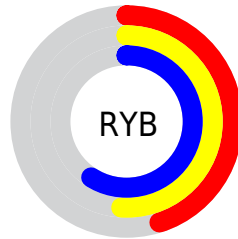
The XYZ color **22.3805, 25.2610, 32.5504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.9380, 22.1604, 19.5921**, and the grayscale version is **23.0594, 24.2603, 26.4194**.

A 20% lighter version of the original color is **47.0012, 52.2745, 64.7395**, and **8.3940, 9.7484, 13.2436** is the 20% darker color. If you saturate the color by 10%, you get **20.0288, 23.2822, 32.2928**, and if you desaturate by 10%, it is **25.0723, 27.4411, 32.8297**.

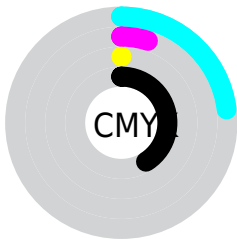
Distribution



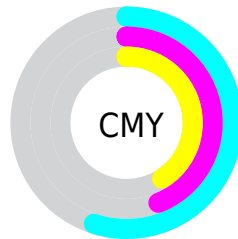
- Red (45%)
- Green (56%)
- Blue (59%)



- Red (45%)
- Yellow (51%)
- Blue (59%)



- Cyan (23%)
- Magenta (5%)
- Yellow (0%)
- Black (41%)



- Cyan (55%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3805, 25.2610, 32.5504 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 22.3805, 25.2610, 32.5504 by changing the saturation by 10% instead.

■ 22.3805, 25.2610,
32.5504

■ 22.3805, 25.2610,
32.5504

257.1221,
279.1353, 328.1886

■ 14.2549, 16.2716,
21.5140

■ 46.8483, 52.0803,
64.7809

■ 8.3811, 9.7166,
13.3053

■ 63.9212, 70.6791,
86.8119

■ 4.3936, 5.2114,
7.5059

■ 84.7072, 93.2497,
113.3450

■ 1.9271, 2.3718,
3.6973

109.5718,
120.1766, 144.7985

■ 0.5925, 0.8113,
1.4608

138.8802,
151.8443, 181.5911

■ 0.0000, 0.0000,
0.1885

172.9978,

■ 0.0000, 0.0000,

188.6370, 224.1413

0.0000

212.2900,
230.9392, 272.8676

■ 22.3805, 25.2610,
32.5504

■ 22.3805, 25.2610,
32.5504

■ 20.0288, 23.2822,
32.2928

■ 25.0723, 27.4411,
32.8297

■ 17.9994, 21.4933,
32.0545

■ 28.1165, 29.8272,
33.1299

■ 16.2761, 19.8865,
31.8352

■ 31.5276, 32.4275,
33.4520

■ 14.8407, 18.4520,
31.6339

■ 35.3183, 35.2489,
33.7968

■ 13.6724, 17.1790,
31.4498

■ 39.5012, 38.2979,
34.1648

■ 12.7479, 16.0553,
31.2816

■ 44.0877, 41.5808,
34.5568

■ 12.0397, 15.0663,
31.1281

■ 49.0892, 45.1036,
34.9731

■ 11.6033, 14.3984,
31.0221

■ 54.5164, 48.8720,
35.4145

■ 60.3797, 52.8917,
35.8813

Harmonies

Analogous

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



21.8049, 25.2610, 29.2804



22.3805, 25.2610, 32.5504



23.4027, 25.2610, 34.5474

Triad

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



22.3805, 25.2610, 32.5504



26.3571, 25.2610, 29.2961



23.4078, 25.2610, 21.4877

Complementary

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



22.3805, 25.2610, 32.5504



22.9380, 22.1604, 19.5921

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.



24.6274, 25.2610, 21.4911



22.3805, 25.2610, 32.5504



26.3586, 25.2610, 25.8027

Square

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



22.3805, 25.2610, 32.5504



25.7124, 25.2610, 32.5627



25.7164, 25.2610, 23.0098



22.3842, 25.2610, 23.0001

Rectangle

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



22.3805, 25.2610, 32.5504



24.2130, 25.2610, 34.7888



25.7164, 25.2610, 23.0098



23.8078, 25.2610, 21.3161

Sweetspot

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



22.3812, 25.2620, 32.5510



47.1376, 50.7086, 58.2246



21.7432, 26.9797, 23.1089



10.3861, 11.1906, 12.8974



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.



22.3812, 25.2620, 32.5510



37.4042, 42.8380, 57.2184



20.0501, 20.5997, 31.7739



5.8497, 6.3333, 7.3839



9.6486, 11.9921, 25.7372



0.1405, 0.1917, 0.3225

Inverse Universe

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



23.7062, 20.9285, 28.3824



40.1827, 33.9891, 48.4231



25.2456, 26.7756, 20.3612



5.9776, 5.8861, 6.9880



12.9973, 6.4040, 13.9985



0.1704, 0.0829, 0.2310

Previews

White Background



This preview shows how the XYZ color 22.3805, 25.2610, 32.5504 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 22.3805, 25.2610, 32.5504 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

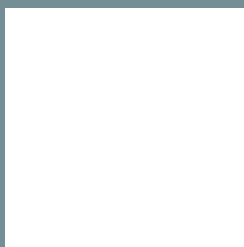
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3805, 25.2610, 32.5504

Background



This preview shows how black text looks on a background with the XYZ color 22.3805, 25.2610, 32.5504.

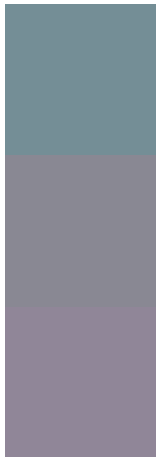


This preview shows how white text looks on a background with the XYZ color 22.3805, 25.2610,

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

22.3805, 25.2610, 32.5504

Protanopia

24.3871, 25.0333, 31.1503

Deuteranopia

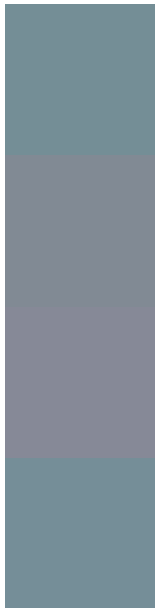
25.6942, 25.2465, 33.2246



Tritanopia

22.7589, 25.4278, 33.8455

Trichromacy



Original Color

22.3805, 25.2610, 32.5504

Protanomaly

23.4870, 24.9822, 31.6011

Deuteranomaly

24.3631, 25.1940, 32.8570

Tritanomaly

22.6766, 25.3949, 33.4123

Monochromacy



Original Color

22.3805, 25.2610, 32.5504

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7242, 24.6596, 28.3730

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3805, 25.2610, 32.5504 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(116, 142, 150)` looks like.

```
.text, #text, p{  
    color:rgb(116, 142, 150)  
}
```

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(116, 142, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 142, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.3805, 25.2610, 32.5504 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(116, 142, 150) }
```


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

```
.border{ border-color:rgb(116, 142, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 142, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 142, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 142, 150);  
box-shadow:4px 4px 4px 4px rgb(116, 142,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3805, 25.2610, 32.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 142, 150) }
```

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

```
.background{ background-color: rgb(116,  
142, 150) }
```

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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