

Converting Colors

XYZ(22.5236, 25.1560, 35.0524)

Have a look what the booklet for
XYZ(22.5236, 25.1560, 35.0524)
contains.

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Color

**XYZ(22.4651, 25.0275,
35.0992)**

Conversions

Conversions Part 1

Format	Color
Hex	728D9C
RGB	114, 141, 156
RGB Percent	45%, 55%, 61%
CMY	0.5529, 0.4470, 0.3882
CMYK	0.27, 0.10, 0.00, 0.39
HSL	201°, 17%, 53%
HSV	201°, 27%, 61%
XYZ	22.4651, 25.0275, 35.0992
YIQ	134.6370, -20.9070, -1.0590

Conversions

Conversions Part 2

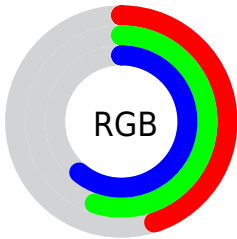
Format	Color
RYB	114, 130, 156
Decimal	7507356
CIELab	57.10, -5.95, -11.09
CIElCh	57, 12.591, 241.787
Yxy	25.0275, 0.2720, 0.3030
Android (android.graphics.Color)	4285697436 (0xFF728D9C)
YUV	134.6370, 10.5320, -18.0986
Hunter-Lab	50.0275, -7.3918, -6.5785

Details

The XYZ color **22.4651, 25.0275, 35.0992** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5981, 23.9835, 19.2531**, and the grayscale version is **22.8632, 24.0539, 26.1947**.

A 20% lighter version of the original color is **47.0843, 51.8988, 68.5086**, and **8.4709, 9.6259, 14.7761** is the 20% darker color. If you saturate the color by 10%, you get **19.8057, 22.4682, 34.7458**, and if you desaturate by 10%, it is **25.5134, 27.8499, 35.4837**.

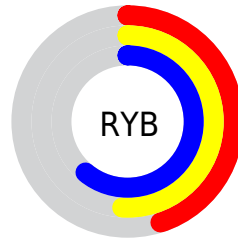
Distribution



Red (45%)

Green (55%)

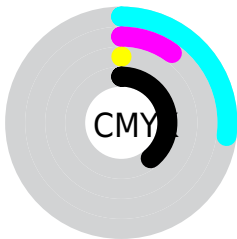
Blue (61%)



Red (45%)

Yellow (51%)

Blue (61%)

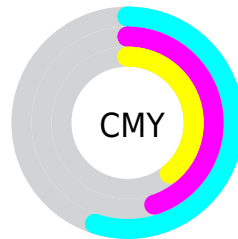


Cyan (27%)

Magenta (10%)

Yellow (0%)

Black (39%)



Cyan (55%)

Magenta (45%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4651, 25.0275, 35.0992 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 22.4651, 25.0275, 35.0992 by changing the saturation by 10% instead.

■ 22.4651, 25.0275,
35.0992

■ 22.4651, 25.0275,
35.0992

257.5526,
277.9749, 339.9235

■ 14.3176, 16.0975,
23.4551

■ 46.9867, 51.7018,
68.7927

■ 8.4250, 9.5932,
14.7215

■ 64.0914, 70.2150,
91.6793

■ 4.4222, 5.1301,
8.4797

■ 84.9126, 92.6914,
119.1504

■ 1.9436, 2.3238,
4.3113

■ 109.8156,
119.5153, 151.6246

■ 0.6020, 0.7863,
1.7976

139.1657,
151.0712, 189.5205

■ 0.0000, 0.0000,
0.4264

173.3283,

■ 0.0000, 0.0000,

187.7435, 233.2566

0.0000

212.6688,
229.9166, 283.2514

■ 22.4651, 25.0275,
35.0992

■ 22.4651, 25.0275,
35.0992

■ 19.8057, 22.4682,
34.7458

■ 25.5134, 27.8499,
35.4837

■ 17.5148, 20.1587,
34.4208

■ 28.9653, 30.9420,
35.8986

■ 15.5735, 18.0889,
34.1236

■ 32.8374, 34.3137,
36.3454

■ 13.9601, 16.2468,
33.8530

■ 37.1446, 37.9737,
36.8248

■ 12.6502, 14.6189,
33.6079

■ 41.9012, 41.9300,
37.3377

■ 11.6157, 13.1895,
33.3865

■ 47.1206, 46.1906,
37.8850

■ 10.8130, 11.9354,
33.1867

■ 52.8159, 50.7627,
38.4673

■ 10.5861, 11.5708,
33.1283

■ 58.9994, 55.6537,
39.0855

■ 65.6831, 60.8704,
39.7401

Harmonies

Analogous

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



21.4454, 25.0275, 31.7829



22.4651, 25.0275, 35.0992



23.8769, 25.0275, 36.2556

Triad

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



22.4651, 25.0275, 35.0992



26.7534, 25.0275, 26.9969



22.3172, 25.0275, 20.8817

Complementary

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



22.4651, 25.0275, 35.0992



24.5981, 23.9835, 19.2531

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.



23.6991, 25.0275, 19.8759



22.4651, 25.0275, 35.0992



26.2950, 25.0275, 23.1712

Square

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



22.4651, 25.0275, 35.0992



26.3902, 25.0275, 31.2967



25.1616, 25.0275, 20.6692



21.3625, 25.0275, 23.5693

Rectangle

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



22.4651, 25.0275, 35.0992



24.8620, 25.0275, 35.5592



25.1616, 25.0275, 20.6692



22.7451, 25.0275, 20.3490

Sweetspot

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



22.4659, 25.0285, 35.0998



51.7928, 55.4773, 65.1052



22.7710, 28.9318, 25.0493



11.1932, 12.0268, 14.3018



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.4659, 25.0285, 35.0998



37.9604, 42.7456, 63.3767



19.6934, 19.4836, 34.1756



6.6224, 7.1106, 8.4301



8.7531, 9.5977, 27.2984



0.1951, 0.2489, 0.5010

Inverse Universe

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



24.5360, 21.0263, 27.9657



42.4025, 34.5450, 47.9815



27.6066, 30.0004, 20.2559



6.8035, 6.7143, 7.8164



13.2164, 6.5911, 10.6563



0.2558, 0.1257, 0.2932

Previews

White Background



This preview shows how the XYZ color 22.4651, 25.0275, 35.0992 looks on a white background.

Color Contrast Check

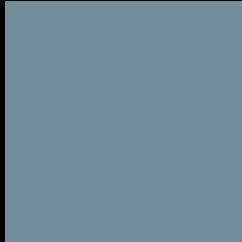
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4651, 25.0275, 35.0992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

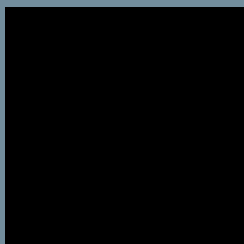
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

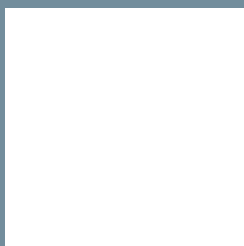
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4651, 25.0275, 35.0992

Background



This preview shows how black text looks on a background with the XYZ color 22.4651, 25.0275, 35.0992.



This preview shows how white text looks on a background with the XYZ color 22.4651, 25.0275,

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

22.4651, 25.0275, 35.0992

Protanopia

24.3854, 24.9766, 33.6727

Deuteranopia

25.3743, 24.8191, 35.8010



Tritanopia

22.2328, 25.1566, 33.8209

Trichromacy



Original Color

22.4651, 25.0275, 35.0992

Protanomaly

23.6736, 25.0221, 34.1539

Deuteranomaly

24.2500, 24.8679, 35.4202

Tritanomaly

22.3158, 25.1898, 34.2578

Monochromacy



Original Color

22.4651, 25.0275, 35.0992

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6560, 24.3865, 29.4996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4651, 25.0275, 35.0992 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(114, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(114, 141, 156)  
}
```

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(114, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 141, 156) }
```

Border

The CSS property to change the border of an element to XYZ 22.4651, 25.0275, 35.0992 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(114, 141, 156) }
```


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

```
.border{ border-color:rgb(114, 141, 156) }
```

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

Here you see how a box with a 4 pixel rgb(114, 141, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(114, 141,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4651, 25.0275, 35.0992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 141, 156) }
```

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

```
.background{ background-color: rgb(114,  
141, 156) }
```

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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