

Converting Colors

XYZ(22.5600, 25.5220, 34.6753)

Have a look what the booklet for
XYZ(22.5600, 25.5220, 34.6753)
contains.

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Color

**XYZ(22.5489, 25.5222,
34.7482)**

Conversions

Conversions Part 1

Format	Color
Hex	718F9B
RGB	113, 143, 155
RGB Percent	44%, 56%, 61%
CMY	0.5569, 0.4392, 0.3922
CMYK	0.27, 0.08, 0.00, 0.39
HSL	197°, 17%, 53%
HSV	197°, 27%, 61%
XYZ	22.5489, 25.5222, 34.7482
YIQ	135.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

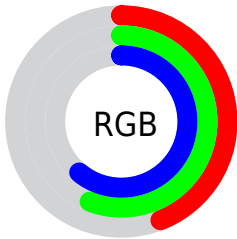
Format	Color
R_{YB}	113, 131, 155
Decimal	7442331
CIE _{Lab}	57.58, -7.63, -9.81
CIE _{LCh}	58, 12.429, 232.125
Yxy	25.5222, 0.2723, 0.3082
Android (android.graphics.Color)	4285632411 (0xFF718F9B)
YUV	135.3980, 9.6638, -19.6430
Hunter-Lab	50.5195, -8.7373, -5.4171

Details

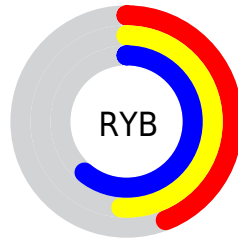
The XYZ color **22.5489, 25.5222, 34.7482** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.8321, 22.8282, 18.7735**, and the grayscale version is **23.1486, 24.3541, 26.5216**.

A 20% lighter version of the original color is **47.2008, 52.6429, 67.9950**, and **8.5274, 9.9182, 14.5617** is the 20% darker color. If you saturate the color by 10%, you get **20.0711, 23.2780, 34.4460**, and if you desaturate by 10%, it is **25.3951, 27.9965, 35.0762**.

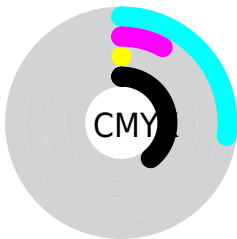
Distribution



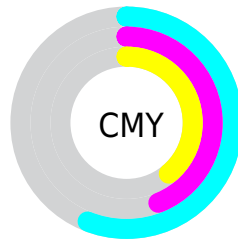
- Red (44%)
- Green (56%)
- Blue (61%)



- Red (44%)
- Yellow (51%)
- Blue (61%)



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (39%)



- Cyan (56%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5489, 25.5222, 34.7482 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 22.5489, 25.5222, 34.7482 by changing the saturation by 10% instead.

■ 22.5489, 25.5222,
34.7482

■ 22.5489, 25.5222,
34.7482

257.9783,
280.4286, 338.3259

■ 14.3796, 16.4665,
23.1870

■ 47.1237, 52.5031,
68.2426

■ 8.4686, 9.8549,
14.5250

■ 64.2599, 71.1972,
91.0129

■ 4.4506, 5.3028,
8.3438

■ 85.1158, 93.8728,
118.3567

■ 1.9601, 2.4260,
4.2248

■ 110.0568,
120.9144, 150.6924

■ 0.6114, 0.8392,
1.7495

139.4482,
152.7064, 188.4387

■ 0.0000, 0.0000,
0.3943

173.6553,

■ 0.0000, 0.0000,

189.6332, 232.0140

0.0000

213.0436,
232.0791, 281.8369

■ 22.5489, 25.5222,
34.7482

■ 22.5489, 25.5222,
34.7482

■ 20.0711, 23.2780,
34.4460

■ 25.3951, 27.9965,
35.0762

■ 17.9417, 21.2514,
34.1671

■ 28.6238, 30.7068,
35.4292

■ 16.1425, 19.4329,
33.9109

■ 32.2510, 33.6623,
35.8085

■ 14.6523, 17.8115,
33.6765

■ 36.2913, 36.8710,
36.2149

■ 13.4475, 16.3742,
33.4626

■ 40.7583, 40.3404,
36.6491

■ 12.5007, 15.1066,
33.2678

■ 45.6652, 44.0776,
37.1118

■ 11.7678, 13.9855,
33.0901

■ 51.0244, 48.0894,
37.6037

■ 11.5705, 13.6747,
33.0405

■ 56.8479, 52.3825,
38.1254

■ 63.1472, 56.9631,
38.6776

Harmonies

Analogous

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



21.7108, 25.5222, 30.9805



22.5489, 25.5222, 34.7482



23.8694, 25.5222, 36.6909

Triad

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



22.5489, 25.5222, 34.7482



27.1943, 25.5222, 28.9236



23.1997, 25.5222, 20.8888

Complementary

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



22.5489, 25.5222, 34.7482



23.8321, 22.8282, 18.7735

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.



24.6510, 25.5222, 20.4582



22.5489, 25.5222, 34.7482



26.9972, 25.5222, 24.8252

Square

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



22.5489, 25.5222, 34.7482



26.5797, 25.5222, 33.1117



26.0515, 25.5222, 21.8277



22.0758, 25.5222, 23.0703

Rectangle

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



22.5489, 25.5222, 34.7482



24.8621, 25.5222, 36.5645



26.0515, 25.5222, 21.8277



23.6640, 25.5222, 20.5441

Sweetspot

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



22.5497, 25.5232, 34.7488



50.6152, 54.4568, 63.3798



22.2272, 28.4320, 23.6855



11.2620, 12.1643, 14.3248



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.



22.5497, 25.5232, 34.7488



37.4048, 43.0309, 61.8706



19.6988, 19.8215, 33.7985



6.2354, 6.7282, 7.8990



9.3269, 11.0505, 26.5491



0.1699, 0.2261, 0.4071

Inverse Universe

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



24.3812, 20.7626, 28.7103



41.3596, 33.1964, 48.7326



26.7622, 28.6883, 19.7502



6.3859, 6.2935, 7.4125



13.1666, 6.5209, 12.6681



0.2122, 0.1036, 0.2704

Previews

White Background



This preview shows how the XYZ color 22.5489, 25.5222, 34.7482 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 22.5489, 25.5222, 34.7482 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

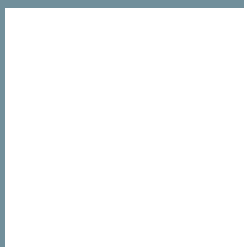
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5489, 25.5222, 34.7482

Background



This preview shows how black text looks on a background with the XYZ color 22.5489, 25.5222, 34.7482.



This preview shows how white text looks on a background with the XYZ color 22.5489, 25.5222,

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

22.5489, 25.5222, 34.7482

Protanopia

24.6849, 25.3599, 32.8721

Deuteranopia

25.7662, 25.2353, 35.4112



Tritanopia

22.5489, 25.5222, 34.7482

Trichromacy



Original Color

22.5489, 25.5222, 34.7482

Protanomaly

23.8022, 25.3214, 33.3388

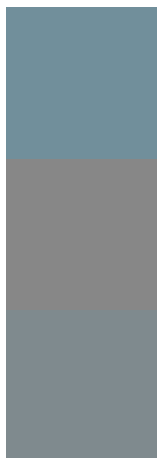
Deuteranomaly

24.3065, 25.1169, 35.0194

Tritanomaly

22.5489, 25.5222, 34.7482

Monochromacy



Original Color

22.5489, 25.5222, 34.7482

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7234, 24.6420, 29.1499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5489, 25.5222, 34.7482 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(113, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(113, 143, 155)  
}
```

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(113, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.5489, 25.5222, 34.7482 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(113, 143, 155) }
```


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

```
.border{ border-color:rgb(113, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 143, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 143, 155); box-shadow:4px 4px 4px 4px rgb(113, 143, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5489, 25.5222, 34.7482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 143, 155) }
```

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

```
.background{ background-color: rgb(113,  
143, 155) }
```

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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