

Converting Colors

XYZ(22.6106, 25.1438, 39.4833)

Have a look what the booklet for
XYZ(22.6106, 25.1438, 39.4833)
contains.

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Color

**XYZ(22.6489, 25.2508,
39.2775)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8EA5
RGB	108, 142, 165
RGB Percent	42%, 56%, 65%
CMY	0.5765, 0.4431, 0.3529
CMYK	0.35, 0.14, 0.00, 0.35
HSL	204°, 24%, 54%
HSV	204°, 35%, 65%
XYZ	22.6489, 25.2508, 39.2775
YIQ	134.4560, -27.6470, -0.0550

Conversions

Conversions Part 2

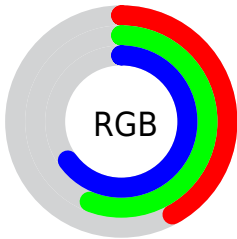
Format	Color
R _Y B	108, 129, 165
Decimal	7114405
CIE Lab	57.32, -6.05, -15.96
CIE LCh	57, 17.067, 249.253
Yxy	25.2508, 0.2598, 0.2896
Android (android.graphics.Color)	4285304485 (0xFF6C8EA5)
YUV	134.4560, 15.0582, -23.2019
Hunter-Lab	50.2502, -7.4838, -11.1683

Details

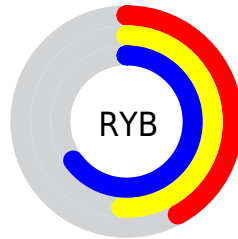
The XYZ color **22.6489, 25.2508, 39.2775** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3406, 25.3150, 17.6861**, and the grayscale version is **22.7821, 23.9685, 26.1017**.

A 20% lighter version of the original color is **47.3561, 52.2242, 75.2945**, and **8.5527, 9.7461, 17.0532** is the 20% darker color. If you saturate the color by 10%, you get **19.8679, 22.3909, 38.8725**, and if you desaturate by 10%, it is **25.8704, 28.4269, 39.7212**.

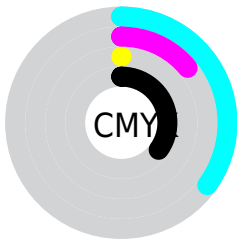
Distribution



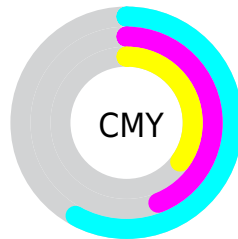
- Red (42%)
- Green (56%)
- Blue (65%)



- Red (42%)
- Yellow (51%)
- Blue (65%)



- Cyan (35%)
- Magenta (14%)
- Yellow (0%)
- Black (35%)



- Cyan (58%)
- Magenta (44%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6489, 25.2508, 39.2775 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 22.6489, 25.2508, 39.2775 by changing the saturation by 10% instead.

■ 22.6489, 25.2508,
39.2775

■ 22.6489, 25.2508,
39.2775

258.4857,
279.0846, 358.5300

■ 14.4537, 16.2640,
26.6662

■ 47.2871, 52.0638,
75.2871

■ 8.5207, 9.7112,
17.0925

■ 64.4608, 70.6588,
99.5224

■ 4.4845, 5.2079,
10.1378

■ 85.3581, 93.2253,
128.4695

■ 1.9797, 2.3697,
5.3836

■ 110.3444,
120.1478, 162.5468

■ 0.6225, 0.8103,
2.4114

139.7849,
151.8105, 202.1730

■ 0.0000, 0.0000,
0.7926

174.0450,

■ 0.0000, 0.0000,

188.5980, 247.7666

0.0000

213.4902,
230.8946, 299.7461

■ 22.6489, 25.2508,
39.2775

■ 22.6489, 25.2508,
39.2775

■ 19.8679, 22.3909,
38.8725

■ 25.8704, 28.4269,
39.7212

■ 17.5026, 19.8309,
38.5030

■ 29.5509, 31.9283,
40.2030

■ 15.5291, 17.5578,
38.1683

■ 33.7106, 35.7675,
40.7248

■ 13.9198, 15.5555,
37.8666

■ 38.3676, 39.9553,
41.2877

■ 12.6433, 13.8063,
37.5963

■ 43.5393, 44.5019,
41.8927

■ 11.6613, 12.2887,
37.3551

■ 49.2420, 49.4172,
42.5409

■ 11.1992, 11.5318,
37.2334

■ 55.4913, 54.7106,
43.2333

■ 62.3021, 60.3909,
43.9707

■ 69.1336, 66.1807,
44.7282

Harmonies

Analogous

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



21.1134, 25.2508, 35.1589



22.6489, 25.2508, 39.2775



24.6308, 25.2508, 40.0143

Triad

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



22.6489, 25.2508, 39.2775



28.0460, 25.2508, 25.7419



21.6230, 25.2508, 19.7408

Complementary

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



22.6489, 25.2508, 39.2775



26.3406, 25.3150, 17.6861

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.



23.3804, 25.2508, 17.9025



22.6489, 25.2508, 39.2775



27.1387, 25.2508, 21.0326

Square

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



22.6489, 25.2508, 39.2775



27.8230, 25.2508, 31.6303



25.4041, 25.2508, 18.3397



20.5445, 25.2508, 23.7347

Rectangle

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



22.6489, 25.2508, 39.2775



25.9508, 25.2508, 38.3988



25.4041, 25.2508, 18.3397



22.1498, 25.2508, 18.8777

Sweetspot

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



22.6497, 25.2518, 39.2781



56.0643, 60.1036, 72.3986



23.7233, 31.7322, 26.2770



12.0436, 12.9424, 15.8009



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



22.6497, 25.2518, 39.2781



36.8962, 41.4757, 69.8133



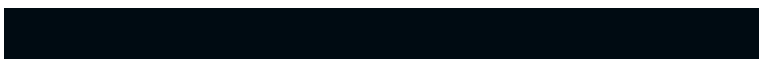
18.9601, 17.8725, 38.0482



7.0352, 7.5294, 8.9856



8.5221, 8.8236, 28.1837



0.2236, 0.2745, 0.6071

Inverse Universe

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



25.7628, 20.6782, 28.2257



43.4122, 32.5900, 46.5257



30.6741, 33.9822, 19.1306



7.2427, 7.1536, 8.2647



13.4470, 6.7349, 9.5446



0.3050, 0.1505, 0.3190

Previews

White Background



This preview shows how the XYZ color 22.6489, 25.2508, 39.2775 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 22.6489, 25.2508, 39.2775 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

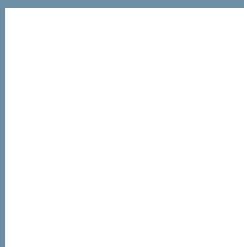
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6489, 25.2508, 39.2775

Background



This preview shows how black text looks on a background with the XYZ color 22.6489, 25.2508, 39.2775.



This preview shows how white text looks on a background with the XYZ color 22.6489, 25.2508,

39.2775.

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

22.6489, 25.2508, 39.2775

Protanopia

24.7529, 25.0871, 37.2559

Deuteranopia

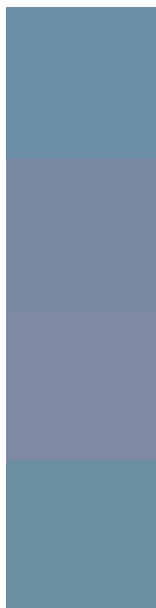
25.6535, 25.0745, 40.0470



Tritanopia

21.8335, 25.3772, 34.7579

Trichromacy



Original Color

22.6489, 25.2508, 39.2775

Protanomaly

23.7784, 24.9965, 37.7540

Deuteranomaly

24.4328, 25.0801, 39.6296

Tritanomaly

22.1439, 25.2739, 36.5121

Monochromacy



Original Color

22.6489, 25.2508, 39.2775

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5139, 24.2956, 30.2910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6489, 25.2508, 39.2775 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(108, 142, 165)` looks like.

```
.text, #text, p{  
    color:rgb(108, 142, 165)  
}
```

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(108, 142, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 142, 165) }
```

Border

The CSS property to change the border of an element to XYZ 22.6489, 25.2508, 39.2775 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(108, 142, 165) }
```


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

```
.border{ border-color:rgb(108, 142, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 142, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 142, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 142, 165);  
box-shadow:4px 4px 4px 4px rgb(108, 142,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6489, 25.2508, 39.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 142, 165) }
```

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

```
.background{ background-color: rgb(108,  
142, 165) }
```

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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