

Converting Colors

XYZ(22.8058, 24.9714, 39.4272)

Have a look what the booklet for
XYZ(22.8058, 24.9714, 39.4272)
contains.

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Color

**XYZ(22.7252, 24.8523,
39.1965)**

Conversions

Conversions Part 1

Format	Color
Hex	6F8CA5
RGB	111, 140, 165
RGB Percent	44%, 55%, 65%
CMY	0.5647, 0.4510, 0.3529
CMYK	0.33, 0.15, 0.00, 0.35
HSL	208°, 23%, 54%
HSV	208°, 33%, 65%
XYZ	22.7252, 24.8523, 39.1965
YIQ	134.1790, -25.3090, 1.6270

Conversions

Conversions Part 2

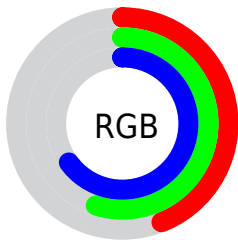
Format	Color
RYB	111, 130, 165
Decimal	7310501
CIELab	56.93, -4.03, -16.53
CIELCh	57, 17.014, 256.309
Yxy	24.8523, 0.2619, 0.2864
Android (android.graphics.Color)	4285500581 (0xFF6F8CA5)
YUV	134.1790, 15.1948, -20.3280
Hunter-Lab	49.8521, -5.8715, -11.7207

Details

The XYZ color **22.7252, 24.8523, 39.1965** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.1909, 26.7558, 18.7710**, and the grayscale version is **22.6790, 23.8601, 25.9836**.

A 20% lighter version of the original color is **47.2981, 51.1997, 75.0998**, and **8.5613, 9.4967, 17.0046** is the 20% darker color. If you saturate the color by 10%, you get **19.7601, 21.7244, 38.7495**, and if you desaturate by 10%, it is **26.1528, 28.3348, 39.6885**.

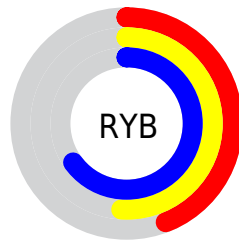
Distribution



Red (44%)

Green (55%)

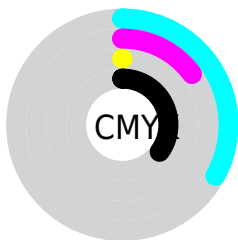
Blue (65%)



Red (44%)

Yellow (51%)

Blue (65%)

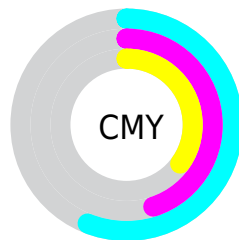


Cyan (33%)

Magenta (15%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (45%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7252, 24.8523, 39.1965 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 22.7252, 24.8523, 39.1965 by changing the saturation by 10% instead.

■ 22.7252, 24.8523,
39.1965

■ 22.7252, 24.8523,
39.1965

258.8722,
277.1016, 358.1761

■ 14.5103, 15.9670,
26.6036

■ 47.4117, 51.4175,
75.1621

■ 8.5605, 9.5008,
17.0460

■ 64.6140, 69.8663,
99.3718

■ 4.5104, 5.0693,
10.1050

■ 85.5428, 92.2716,
128.2909

■ 1.9948, 2.2880,
5.3621

■ 110.5635,
119.0180, 162.3380

■ 0.6310, 0.7673,
2.3988

140.0415,
150.4898, 201.9315

■ 0.0000, 0.0000,
0.7858

174.3420,

■ 0.0000, 0.0000,

187.0714, 247.4900

0.0000

213.8304,
229.1472, 299.4320

■ 22.7252, 24.8523,
39.1965

■ 22.7252, 24.8523,
39.1965

■ 19.7601, 21.7244,
38.7495

■ 26.1528, 28.3348,
39.6885

■ 17.2326, 18.9342,
38.3441

■ 30.0617, 32.1822,
40.2251

■ 15.1186, 16.4676,
37.9794

■ 34.4723, 36.4077,
40.8082

■ 13.3905, 14.3077,
37.6536

■ 39.4032, 41.0230,
41.4392

■ 12.0170, 12.4360,
37.3647

■ 44.8719, 46.0392,
42.1191

■ 10.9612, 10.8306,
37.1105

■ 50.8950, 51.4669,
42.8494

■ 10.3320, 9.7974,
36.9442

■ 57.4885, 57.3164,
43.6309

■ 64.6677, 63.5974,
44.4649

■ 70.7709, 69.4552,
45.2739

Harmonies

Analogous

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



21.0699, 24.8523, 35.8048



22.7252, 24.8523, 39.1965



24.7149, 24.8523, 39.0304

Triad

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



22.7252, 24.8523, 39.1965



27.4969, 24.8523, 24.0910



20.9552, 24.8523, 20.1595

Complementary

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



22.7252, 24.8523, 39.1965



27.1909, 26.7558, 18.7710

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.



22.5606, 24.8523, 17.8275



22.7252, 24.8523, 39.1965



26.3710, 24.8523, 19.8692

Square

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



22.7252, 24.8523, 39.1965



27.5471, 24.8523, 29.7438



24.5408, 24.8523, 17.7293



20.0875, 24.8523, 24.5426

Rectangle

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



22.7252, 24.8523, 39.1965



25.9660, 24.8523, 36.9115



24.5408, 24.8523, 17.7293



21.4223, 24.8523, 19.1386

Sweetspot

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



22.7260, 24.8533, 39.1971



55.7598, 59.4945, 72.2971



24.4057, 32.0480, 27.9329



11.9690, 12.7930, 15.7760



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.



22.7260, 24.8533, 39.1971



36.9036, 40.5289, 69.6302



19.3313, 18.0640, 38.0655



7.0007, 7.4604, 8.9741



7.8666, 7.5126, 27.9652



0.2120, 0.2513, 0.6032

Inverse Universe

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



25.9358, 21.2624, 27.5491



43.6506, 33.5841, 45.0108



31.3600, 35.0940, 20.1607



7.2253, 7.1466, 8.1730



13.1162, 6.6025, 7.8023



0.2992, 0.1482, 0.2881

Previews

White Background



This preview shows how the XYZ color 22.7252, 24.8523, 39.1965 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 22.7252, 24.8523, 39.1965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

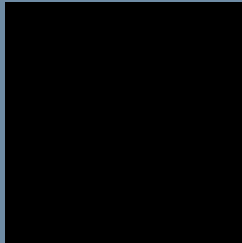
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

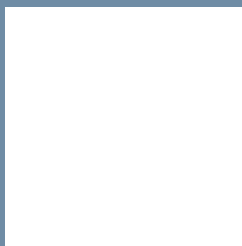
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7252, 24.8523, 39.1965

Background



This preview shows how black text looks on a background with the XYZ color 22.7252, 24.8523, 39.1965.



This preview shows how white text looks on a background with the XYZ color 22.7252, 24.8523,

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

22.7252, 24.8523, 39.1965

Protanopia

24.5456, 24.7619, 37.6682

Deuteranopia

25.1020, 24.5966, 39.5010



Tritanopia

21.6071, 24.8341, 33.7916

Trichromacy



Original Color

22.7252, 24.8523, 39.1965

Protanomaly

23.8687, 24.8208, 38.1832

Deuteranomaly

24.2913, 24.7971, 39.5824

Tritanomaly

21.9174, 24.7353, 35.5175

Monochromacy



Original Color

22.7252, 24.8523, 39.1965

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5192, 24.0883, 30.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7252, 24.8523, 39.1965 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(111, 140, 165)` looks like.

```
.text, #text, p{  
    color:rgb(111, 140, 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(111, 140, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 140, 165) }
```

Border

The CSS property to change the border of an element to XYZ 22.7252, 24.8523, 39.1965 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(111, 140, 165) }
```


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

```
.border{ border-color:rgb(111, 140, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 140, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 140, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 140, 165);  
box-shadow:4px 4px 4px 4px rgb(111, 140,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7252, 24.8523, 39.1965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 140, 165) }
```

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

```
.background{ background-color: rgb(111,  
140, 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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