

Converting Colors

XYZ(24.3408, 22.5348, 52.3530)

Have a look what the booklet for
XYZ(24.3408, 22.5348, 52.3530)
contains.

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Color

**XYZ(24.3360, 22.5348,
52.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	767EBF
RGB	118, 126, 191
RGB Percent	46%, 49%, 75%
CMY	0.5372, 0.5059, 0.2510
CMYK	0.38, 0.34, 0.00, 0.25
HSL	233°, 36%, 61%
HSV	233°, 38%, 75%
XYZ	24.3360, 22.5348, 52.3572
YIQ	131.0180, -25.6330, 18.5190

Conversions

Conversions Part 2

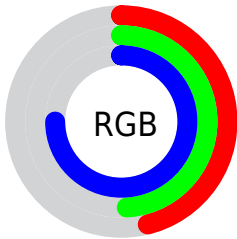
Format	Color
RYB	118, 125, 191
Decimal	7765695
CIELab	54.59, 13.23, -34.98
CIELCh	55, 37.400, 290.718
Yxy	22.5348, 0.2453, 0.2271
Android (android.graphics.Color)	4285955775 (0xFF767EBF)
YUV	131.0180, 29.5711, -11.4168
Hunter-Lab	47.4708, 8.4344, -32.1634

Details

The XYZ color **24.3360, 22.5348, 52.3572** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **41.6901, 46.2522, 23.8708**, and the grayscale version is **21.4848, 22.6036, 24.6154**.

A 20% lighter version of the original color is **50.0766, 47.7882, 95.3917**, and **9.3492, 8.2377, 24.7642** is the 20% darker color. If you saturate the color by 10%, you get **20.0072, 17.3450, 51.5840**, and if you desaturate by 10%, it is **29.5613, 28.7364, 53.2792**.

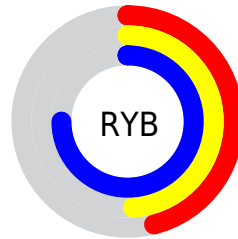
Distribution



Red (46%)

Green (49%)

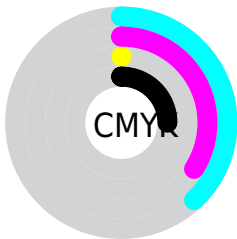
Blue (75%)



Red (46%)

Yellow (49%)

Blue (75%)

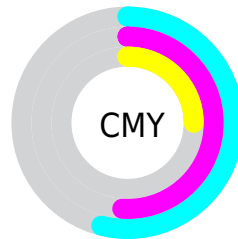


Cyan (38%)

Magenta (34%)

Yellow (0%)

Black (25%)



Cyan (54%)

Magenta (51%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3360, 22.5348, 52.3572 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 24.3360, 22.5348, 52.3572 by changing the saturation by 10% instead.

■ 24.3360, 22.5348,
52.3572

■ 24.3360, 22.5348,
52.3572

266.9239,
265.3265, 412.8102

■ 15.7091, 14.2504,
36.9057

■ 50.0286, 47.6283,
95.0898

■ 9.4081, 8.2950,
24.8392

■ 67.8251, 65.2062,
123.2079

■ 5.0676, 4.2843,
15.7394

■ 89.4089, 86.6508,
156.3853

■ 2.3221, 1.8338,
9.1876

115.1452,
112.3463, 195.0404

■ 0.8059, 0.5081,
4.7653

145.3996,
142.6773, 239.5920

■ 0.0000, 0.0000,
2.0539

180.5372,

■ 0.0000, 0.0000,

178.0280, 290.4584

0.5881

220.9235,
218.7830, 348.0583

■ 0.0000, 0.0000,
0.0000

■ 24.3360, 22.5348,
52.3572

■ 24.3360, 22.5348,
52.3572

■ 20.0072, 17.3450,
51.5840

■ 29.5613, 28.7364,
53.2792

■ 16.5218, 13.1107,
50.9504

■ 35.7273, 35.9971,
54.3557

■ 13.8251, 9.7739,
50.4485

■ 42.8782, 44.3643,
55.5938

■ 11.8545, 7.2690,
50.0689

■ 51.0544, 53.8816,
56.9999

■ 10.5379, 5.5215,
49.8010

■ 60.2945, 64.5904,
58.5799

■ 9.7724, 4.4352,
49.6316

■ 70.6347, 76.5300,
60.3395

■ 9.6709, 4.2954,
49.6100

■ 82.1097, 89.7379,
62.2841

■ 86.4040, 96.5416,
63.3710

Harmonies

Analogous

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



20.1698, 22.5348, 54.3146



24.3360, 22.5348, 52.3572



28.1322, 22.5348, 41.8252

Triad

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



24.3360, 22.5348, 52.3572



26.8186, 22.5348, 10.8624



14.5312, 22.5348, 21.0659

Complementary

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



24.3360, 22.5348, 52.3572



41.6901, 46.2522, 23.8708

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.



15.8684, 22.5348, 12.8208



24.3360, 22.5348, 52.3572



22.7180, 22.5348, 8.2987

Square

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



24.3360, 22.5348, 52.3572



29.6879, 22.5348, 17.3729



18.7443, 22.5348, 8.8779



14.8480, 22.5348, 33.4401

Rectangle

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



24.3360, 22.5348, 52.3572



29.7722, 22.5348, 32.7897



18.7443, 22.5348, 8.8779



14.7951, 22.5348, 17.7994

Sweetspot

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



24.3368, 22.5356, 52.3577



72.8212, 74.8159, 98.8819



34.5962, 44.5111, 51.2869



15.5977, 15.9691, 21.6456



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.3368, 22.5356, 52.3577



36.8901, 32.3392, 92.5769



27.7343, 22.8289, 52.2353



9.0984, 9.3892, 12.0050



6.3857, 2.8831, 32.6128



0.2785, 0.1696, 1.2869

Inverse Universe

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



31.7309, 25.5405, 22.9968



52.1382, 38.8456, 31.9592



37.0092, 46.3584, 24.1380



9.5715, 9.5529, 10.1327



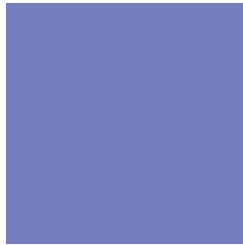
14.2240, 7.3207, 1.2071



0.5715, 0.2925, 0.1226

Previews

White Background



This preview shows how the XYZ color 24.3360, 22.5348, 52.3572 looks on a white background.

Color Contrast Check

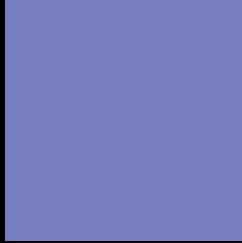
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3360, 22.5348, 52.3572 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 24.3360, 22.5348, 52.3572

Background



This preview shows how black text looks on a background with the XYZ color 24.3360, 22.5348, 52.3572.



This preview shows how white text looks on a background with the XYZ color 24.3360, 22.5348,

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

24.3360, 22.5348, 52.3572

Protanopia

23.6515, 22.5398, 53.5561

Deuteranopia

23.0884, 22.4824, 51.8378



Tritanopia

19.9157, 22.5291, 30.4930

Trichromacy



Original Color

24.3360, 22.5348, 52.3572

Protanomaly

23.7859, 22.4293, 52.9448

Deuteranomaly

23.4438, 22.4710, 51.8169

Tritanomaly

21.3284, 22.4907, 37.3994

Monochromacy



Original Color

24.3360, 22.5348, 52.3572

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2042, 22.4360, 33.2973

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3360, 22.5348, 52.3572 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(118, 126, 191)` looks like.

```
.text, #text, p{  
    color:rgb(118, 126, 191)  
}
```

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(118, 126, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 126, 191) }
```

Border

The CSS property to change the border of an element to XYZ 24.3360, 22.5348, 52.3572 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(118, 126, 191) }
```


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

```
.border{ border-color:rgb(118, 126, 191) }
```

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

Here you see how a box with a 4 pixel rgb(118, 126, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 126, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 126, 191);  
box-shadow:4px 4px 4px 4px rgb(118, 126,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3360, 22.5348, 52.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 126, 191) }
```

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

```
.background{ background-color: rgb(118,  
126, 191) }
```

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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