

Converting Colors

XYZ(24.2792, 25.3948, 41.1581)

Have a look what the booklet for
XYZ(24.2792, 25.3948, 41.1581)
contains.

XYZ(24.2792, 25.3948, 41.1581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.2792, 25.3948,
41.1581)**

Conversions

Conversions Part 1

Format	Color
Hex	798BA9
RGB	121, 139, 169
RGB Percent	47%, 55%, 66%
CMY	0.5255, 0.4549, 0.3373
CMYK	0.28, 0.18, 0.00, 0.34
HSL	217°, 22%, 57%
HSV	217°, 28%, 66%
XYZ	24.2792, 25.3948, 41.1581
YIQ	137.0380, -20.3580, 5.5140

Conversions

Conversions Part 2

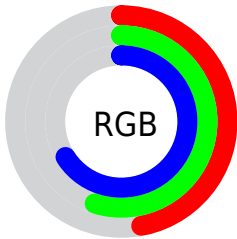
Format	Color
R _Y B	121, 134, 169
Decimal	7965609
CIE Lab	57.46, 0.62, -17.96
CIE LCh	57, 17.968, 271.979
Yxy	25.3948, 0.2673, 0.2796
Android (android.graphics.Color)	4286155689 (0xFF798BA9)
YUV	137.0380, 15.7573, -14.0653
Hunter-Lab	50.3933, -2.1878, -13.1491

Details

The XYZ color **24.2792, 25.3948, 41.1581** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.8802, 31.9488, 22.6290**, and the grayscale version is **23.7407, 24.9771, 27.2000**.

A 20% lighter version of the original color is **49.7597, 52.0798, 77.9508**, and **9.3818, 9.7687, 18.2207** is the 20% darker color. If you saturate the color by 10%, you get **20.6591, 21.3674, 40.5720**, and if you desaturate by 10%, it is **28.4636, 29.9337, 41.8141**.

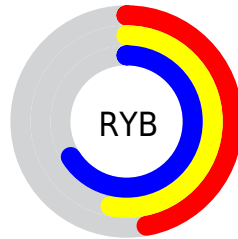
Distribution



Red (47%)

Green (55%)

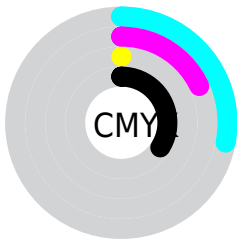
Blue (66%)



Red (47%)

Yellow (53%)

Blue (66%)

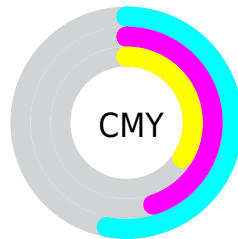


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (34%)



Cyan (53%)

Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2792, 25.3948, 41.1581 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 24.2792, 25.3948, 41.1581 by changing the saturation by 10% instead.

■ 24.2792, 25.3948,
41.1581

■ 24.2792, 25.3948,
41.1581

266.6434,
279.7984, 366.6771

■ 15.6667, 16.3714,
28.1220

■ 49.9368, 52.2970,
78.1801

■ 9.3780, 9.7874,
18.1778

■ 67.7126, 70.9446,
103.0031

■ 5.0476, 5.2582,
10.9070

■ 89.2736, 93.5691,
132.5922

■ 2.3103, 2.3995,
5.8909

114.9851,
120.5548, 167.3658

■ 0.7999, 0.8257,
2.7112

145.2125,
152.2862, 207.7426

■ 0.0000, 0.0000,
0.9490

180.3211,

■ 0.0000, 0.0000,

189.1477, 254.1411

0.0000

220.6762,
231.5236, 306.9797

■ 24.2792, 25.3948,
41.1581

■ 24.2792, 25.3948,
41.1581

■ 20.6591, 21.3674,
40.5720

■ 28.4636, 29.9337,
41.8141

■ 17.5750, 17.8289,
40.0515

■ 33.2340, 34.9993,
42.5404

■ 14.9999, 14.7595,
39.5948

■ 38.6137, 40.6101,
43.3399

■ 12.9030, 12.1366,
39.1990

■ 44.6242, 46.7826,
44.2145

■ 11.2499, 9.9352,
38.8612

■ 51.2858, 53.5326,
45.1663

■ 10.0010, 8.1273,
38.5781

■ 58.6178, 60.8752,
46.1971

■ 9.0896, 6.6705,
38.3450

■ 66.6388, 68.8250,
47.3088

■ 8.9602, 6.4619,
38.3115

■ 74.9228, 77.1672,
48.4824

■ 77.8418, 83.0052,
49.4554

Harmonies

Analogous

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



22.2576, 25.3948, 39.3947



24.2792, 25.3948, 41.1581



26.3793, 25.3948, 38.8823

Triad

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



24.2792, 25.3948, 41.1581



27.7930, 25.3948, 21.8746



20.6882, 25.3948, 22.4823

Complementary

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



24.2792, 25.3948, 41.1581



30.8802, 31.9488, 22.6290

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.



22.0255, 25.3948, 18.8215



24.2792, 25.3948, 41.1581



26.1193, 25.3948, 18.5087

Square

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



24.2792, 25.3948, 41.1581



28.4810, 25.3948, 27.2461



23.9953, 25.3948, 17.4782



20.2588, 25.3948, 28.0591

Rectangle

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



24.2792, 25.3948, 41.1581



27.5210, 25.3948, 35.5510



23.9953, 25.3948, 17.4782



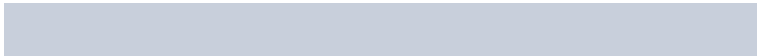
21.0424, 25.3948, 21.0170

Sweetspot

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



24.2800, 25.3958, 41.1587



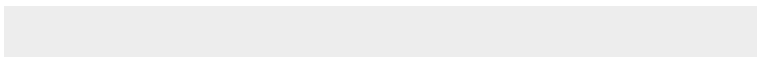
58.8329, 61.9582, 76.0834



27.6271, 34.6627, 34.3431



12.5505, 13.2168, 16.5417



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.2800, 25.3958, 41.1587



39.3430, 40.8989, 73.0458



22.6923, 21.0214, 40.3980



7.3537, 7.7443, 9.5256



6.7259, 4.9119, 28.5691



0.2129, 0.2180, 0.7115

Inverse Universe

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



27.8604, 23.9745, 27.5864



46.9031, 38.2830, 44.3010



32.8259, 37.5857, 23.6145



7.6431, 7.5871, 8.4380



12.8955, 6.5669, 4.2613



0.3386, 0.1697, 0.2346

Previews

White Background



This preview shows how the XYZ color 24.2792, 25.3948, 41.1581 looks on a white background.

Color Contrast Check

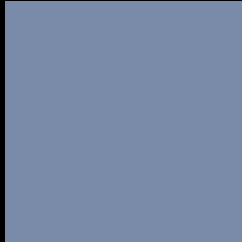
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2792, 25.3948, 41.1581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

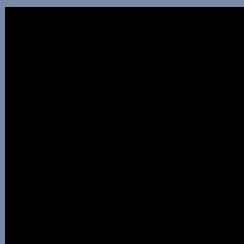
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2792, 25.3948, 41.1581

Background



This preview shows how black text looks on a background with the XYZ color 24.2792, 25.3948, 41.1581.



This preview shows how white text looks on a background with the XYZ color 24.2792, 25.3948,

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

24.2792, 25.3948, 41.1581

Protanopia

25.1393, 25.2236, 40.1029

Deuteranopia

25.9113, 25.3811, 41.5636



Tritanopia

22.8940, 25.4975, 33.8519

Trichromacy



Original Color

24.2792, 25.3948, 41.1581

Protanomaly

24.7659, 25.2305, 40.6105

Deuteranomaly

25.2658, 25.2564, 41.5735

Tritanomaly

23.3906, 25.4749, 36.4852

Monochromacy



Original Color

24.2792, 25.3948, 41.1581

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8734, 25.1722, 32.0342

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2792, 25.3948, 41.1581 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(121, 139, 169)` looks like.

```
.text, #text, p{  
    color:rgb(121, 139, 169)  
}
```

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(121, 139, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 169) }
```

Border

The CSS property to change the border of an element to XYZ 24.2792, 25.3948, 41.1581 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(121, 139, 169) }
```


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

```
.border{ border-color:rgb(121, 139, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 139, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 169);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2792, 25.3948, 41.1581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 169) }
```

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

```
.background{ background-color: rgb(121,  
139, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor