

Converting Colors

XYZ(24.3950, 22.9298, 54.3722)

Have a look what the booklet for
XYZ(24.3950, 22.9298, 54.3722)
contains.

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Color

**XYZ(24.3962, 22.9108,
54.1753)**

Conversions

Conversions Part 1

Format	Color
Hex	7280C2
RGB	114, 128, 194
RGB Percent	45%, 50%, 76%
CMY	0.5529, 0.4980, 0.2392
CMYK	0.41, 0.34, 0.00, 0.24
HSL	230°, 40%, 60%
HSV	230°, 41%, 76%
XYZ	24.3962, 22.9108, 54.1753
YIQ	131.3380, -29.5300, 17.5580

Conversions

Conversions Part 2

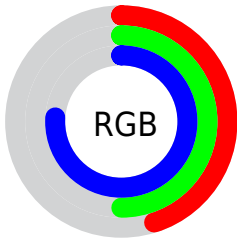
Format	Color
RYB	114, 126, 194
Decimal	7504066
CIELab	54.98, 11.81, -36.10
CIELCh	55, 37.983, 288.114
Yxy	22.9108, 0.2404, 0.2258
Android (android.graphics.Color)	4285694146 (0xFF7280C2)
YUV	131.3380, 30.8924, -15.2054
Hunter-Lab	47.8652, 7.2147, -33.6005

Details

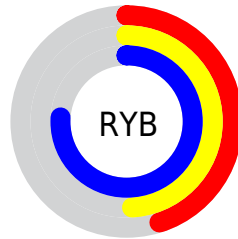
The XYZ color **24.3962, 22.9108, 54.1753** is a light color, and the websafe version is hex **666699**. A complement of this color would be **41.6074, 45.3277, 22.4768**, and the grayscale version is **21.5954, 22.7201, 24.7421**.

A 20% lighter version of the original color is **50.2986, 48.4478, 97.9671**, and **9.4541, 8.4775, 25.9490** is the 20% darker color. If you saturate the color by 10%, you get **20.2097, 17.8945, 53.4281**, and if you desaturate by 10%, it is **29.4488, 28.8633, 55.0584**.

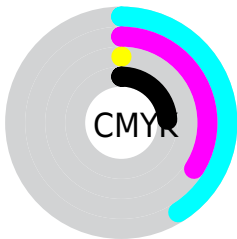
Distribution



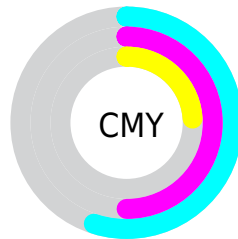
- Red (45%)
- Green (50%)
- Blue (76%)



- Red (45%)
- Yellow (49%)
- Blue (76%)



- Cyan (41%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3962, 22.9108, 54.1753 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 24.3962, 22.9108, 54.1753 by changing the saturation by 10% instead.

■ 24.3962, 22.9108,
54.1753

■ 24.3962, 22.9108,
54.1753

267.2209,
267.2665, 419.9716

■ 15.7541, 14.5277,
38.3477

■ 50.1260, 48.2468,
97.7906

■ 9.4401, 8.4886,
25.9487

■ 67.9443, 65.9685,
126.4153

■ 5.0887, 4.4091,
16.5599

■ 89.5522, 87.5718,
160.1429

■ 2.3347, 1.9050,
9.7626

115.3148,
113.4411, 199.3918

■ 0.8123, 0.5514,
5.1383

145.5977,
143.9608, 244.5806

■ 0.0000, 0.0000,
2.2685

180.7661,

■ 0.0000, 0.0000,

179.5154, 296.1278

0.7135

221.1854,
220.4892, 354.4520

■ 0.0000, 0.0000,
0.0000

■ 24.3962, 22.9108,
54.1753

■ 24.3962, 22.9108,
54.1753

■ 20.2097, 17.8945,
53.4281

■ 29.4488, 28.8633,
55.0584

■ 16.8374, 13.7634,
52.8085

■ 35.4105, 35.7943,
56.0820

■ 14.2253, 10.4655,
52.3096

■ 42.3245, 43.7465,
57.2525

■ 12.3117, 7.9421,
51.9234

■ 50.2304, 52.7593,
58.5755

■ 11.0249, 6.1262,
51.6407

■ 59.1655, 62.8701,
60.0561

■ 10.3082, 5.0362,
51.4681

■ 69.1653, 74.1144,
61.6994

■ 80.2633, 86.5259,
63.5102

■ 86.7377, 96.6751,
65.1279

Harmonies

Analogous

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



20.1479, 22.9108, 55.2780



24.3962, 22.9108, 54.1753



28.3893, 22.9108, 43.8896

Triad

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



24.3962, 22.9108, 54.1753



27.6522, 22.9108, 11.3415



14.7646, 22.9108, 20.4611

Complementary

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



24.3962, 22.9108, 54.1753



41.6074, 45.3277, 22.4768

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.



16.2789, 22.9108, 12.4296



24.3962, 22.9108, 54.1753



23.4896, 22.9108, 8.4208

Square

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



24.3962, 22.9108, 54.1753



30.4299, 22.9108, 18.3988



19.3505, 22.9108, 8.7414



14.9413, 22.9108, 32.8869

Rectangle

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



24.3962, 22.9108, 54.1753



30.2022, 22.9108, 34.6448



19.3505, 22.9108, 8.7414



15.0838, 22.9108, 17.2506

Sweetspot

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



24.3970, 22.9116, 54.1759



75.4084, 77.7997, 103.5122



34.4024, 45.4297, 49.7810



16.1303, 16.5978, 22.6035



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



24.3970, 22.9116, 54.1759



37.6270, 33.6437, 96.9805



26.4590, 21.4484, 53.7847



9.6677, 10.0266, 12.7106



6.8201, 3.3967, 33.8528



0.3396, 0.2366, 1.4776

Inverse Universe

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



32.1624, 25.0634, 23.5654



53.6623, 38.6290, 33.6494



38.6205, 48.1972, 23.1881



10.1435, 10.1060, 10.8465



14.8384, 7.6251, 1.7954



0.6638, 0.3385, 0.1969

Previews

White Background



This preview shows how the XYZ color 24.3962, 22.9108, 54.1753 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 24.3962, 22.9108, 54.1753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

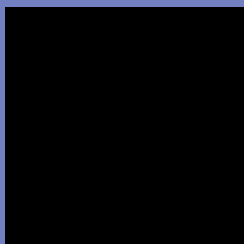
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.3962, 22.9108, 54.1753

Background



This preview shows how black text looks on a background with the XYZ color 24.3962, 22.9108, 54.1753.

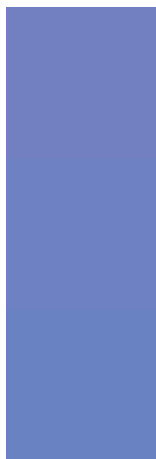


This preview shows how white text looks on a background with the XYZ color 24.3962, 22.9108,

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

24.3962, 22.9108, 54.1753

Protanopia

24.0073, 22.8919, 54.7830

Deuteranopia

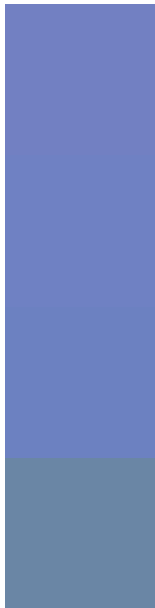
23.4340, 22.8188, 53.6214



Tritanopia

19.7704, 22.8542, 31.3863

Trichromacy



Original Color

24.3962, 22.9108, 54.1753

Protanomaly

24.2561, 23.0202, 54.7947

Deuteranomaly

23.6602, 22.7389, 53.5941

Tritanomaly

21.2605, 22.8310, 38.8836

Monochromacy



Original Color

24.3962, 22.9108, 54.1753

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2728, 22.6583, 33.7714

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3962, 22.9108, 54.1753 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(114, 128, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 128, 194)  
}
```

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(114, 128, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 128, 194) }
```

Border

The CSS property to change the border of an element to XYZ 24.3962, 22.9108, 54.1753 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(114, 128, 194) }
```


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

```
.border{ border-color:rgb(114, 128, 194) }
```

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

Here you see how a box with a 4 pixel rgb(114, 128, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 128, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 128, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 128,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3962, 22.9108, 54.1753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 128, 194) }
```

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

```
.background{ background-color: rgb(114,  
128, 194) }
```

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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