

Converting Colors

XYZ(24.7663, 21.6131, 53.9054)

Have a look what the booklet for
XYZ(24.7663, 21.6131, 53.9054)
contains.

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Color

**XYZ(24.7663, 21.6131,
53.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	7C78C2
RGB	124, 120, 194
RGB Percent	49%, 47%, 76%
CMY	0.5137, 0.5294, 0.2392
CMYK	0.36, 0.38, 0.00, 0.24
HSL	243°, 38%, 62%
HSV	243°, 38%, 76%
XYZ	24.7663, 21.6131, 53.9054
YIQ	129.6320, -21.3700, 23.8620

Conversions

Conversions Part 2

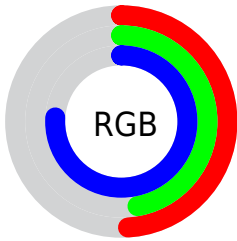
Format	Color
R _Y B	124, 120, 194
Decimal	8157378
CIE Lab	53.61, 19.30, -38.19
CIE LCh	54, 42.791, 296.805
Yxy	21.6131, 0.2470, 0.2155
Android (android.graphics.Color)	4286347458 (0xFF7C78C2)
YUV	129.6320, 31.7334, -4.9393
Hunter-Lab	46.4899, 13.7340, -36.2043

Details

The XYZ color **24.7663, 21.6131, 53.9054** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **43.9174, 50.8872, 25.2775**, and the grayscale version is **20.9861, 22.0790, 24.0440**.

A 20% lighter version of the original color is **50.7555, 46.0538, 97.4810**, and **9.6495, 7.8678, 25.8210** is the 20% darker color. If you saturate the color by 10%, you get **20.2554, 16.1683, 53.0926**, and if you desaturate by 10%, it is **30.2449, 28.2593, 54.8999**.

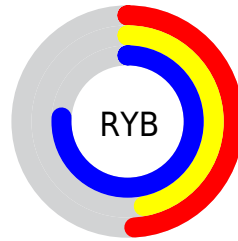
Distribution



Red (49%)

Green (47%)

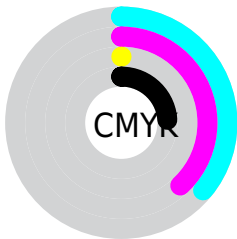
Blue (76%)



Red (49%)

Yellow (47%)

Blue (76%)

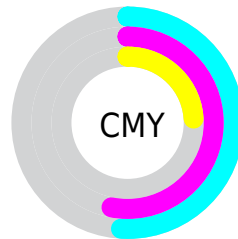


Cyan (36%)

Magenta (38%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (53%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7663, 21.6131, 53.9054 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 24.7663, 21.6131, 53.9054 by changing the saturation by 10% instead.

■ 24.7663, 21.6131,
53.9054

■ 24.7663, 21.6131,
53.9054

269.0413,
260.5191, 418.9136

■ 16.0308, 13.5729,
38.1334

■ 50.7235, 46.1057,
97.3903

■ 9.6370, 7.8242,
25.7836

■ 68.6759, 63.3269,
125.9403

■ 5.2193, 3.9827,
16.4375

■ 90.4313, 84.3772,
159.5867

■ 2.4126, 1.6639,
9.6766

116.3551,
109.6410, 198.7480

■ 0.8514, 0.4001,
5.0823

146.8127,
139.5026, 243.8429

■ 0.0000, 0.0000,
2.2360

182.1693,

■ 0.0000, 0.0000,

174.3466, 295.2897

0.6950

222.7904,
214.5573, 353.5071

■ 0.0000, 0.0000,
0.0000

■ 24.7663, 21.6131,
53.9054

■ 24.7663, 21.6131,
53.9054

■ 20.2554, 16.1683,
53.0926

■ 30.2449, 28.2593,
54.8999

■ 16.6538, 11.8508,
52.4491

■ 36.7406, 36.1700,
56.0844

■ 13.9003, 8.5822,
51.9633

■ 44.3019, 45.4070,
57.4688

■ 11.9251, 6.2731,
51.6217

■ 52.9740, 56.0273,
59.0617

■ 10.6475, 4.8190,
51.4084

■ 62.7990, 68.0844,
60.8711

■ 9.9563, 4.0658,
51.2994

■ 73.8171, 81.6293,
62.9048

■ 9.8690, 3.9628,
51.2841

■ 85.8099, 96.1968,
65.0845

■ 86.7377, 96.6751,
65.1280

Harmonies

Analogous

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



20.0567, 21.6131, 58.6712



24.7663, 21.6131, 53.9054



28.8097, 21.6131, 40.1780

Triad

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



24.7663, 21.6131, 53.9054



25.7397, 21.6131, 8.1293



12.9577, 21.6131, 22.1580

Complementary

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



24.7663, 21.6131, 53.9054



43.9174, 50.8872, 25.2775

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.



14.0309, 21.6131, 12.2675



24.7663, 21.6131, 53.9054



21.0363, 21.6131, 6.2864

Square

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



24.7663, 21.6131, 53.9054



29.4277, 21.6131, 13.9094



16.8287, 21.6131, 7.4581



13.6544, 21.6131, 36.8065

Rectangle

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



24.7663, 21.6131, 53.9054



30.3423, 21.6131, 29.7585



16.8287, 21.6131, 7.4581



13.1190, 21.6131, 18.2425

Sweetspot

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



24.7671, 21.6139, 53.9059



75.9021, 76.9329, 103.3188



35.9624, 44.8457, 57.8000



16.1991, 16.3309, 22.5483



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.



24.7671, 21.6139, 53.9059



37.7507, 30.5604, 96.3789



31.0923, 24.8747, 54.2019



9.5776, 9.7734, 12.6665



6.5109, 2.6169, 33.7186



0.2991, 0.1222, 1.4577

Inverse Universe

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



38.2593, 28.6206, 52.2229



65.8186, 45.1433, 92.5711



35.8761, 46.7417, 24.9012



10.4730, 10.2378, 12.5814



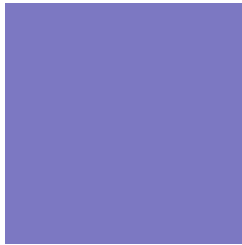
20.2920, 9.8066, 30.5136



0.8841, 0.4266, 1.3569

Previews

White Background



This preview shows how the XYZ color 24.7663, 21.6131, 53.9054 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 24.7663, 21.6131, 53.9054 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 24.7663, 21.6131, 53.9054

Background



This preview shows how black text looks on a background with the XYZ color 24.7663, 21.6131, 53.9054.

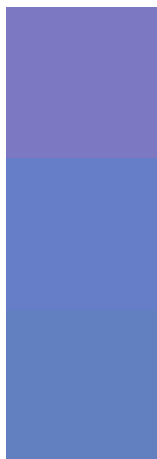


This preview shows how white text looks on a background with the XYZ color 24.7663, 21.6131,

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

24.7663, 21.6131, 53.9054

Protanopia

23.1365, 21.8119, 57.0235

Deuteranopia

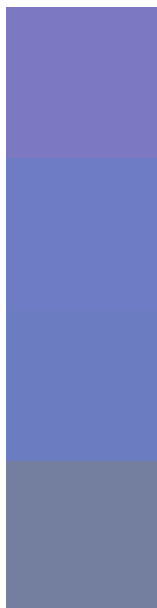
22.1408, 21.5812, 52.8678



Tritanopia

19.6061, 21.6004, 28.3353

Trichromacy



Original Color

24.7663, 21.6131, 53.9054

Protanomaly

23.5924, 21.6977, 55.7680

Deuteranomaly

22.8967, 21.3914, 53.3742

Tritanomaly

21.1370, 21.4298, 36.2800

Monochromacy



Original Color

24.7663, 21.6131, 53.9054

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1127, 21.8108, 33.1814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7663, 21.6131, 53.9054 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(124, 120, 194)` looks like.

```
.text, #text, p{  
    color:rgb(124, 120, 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(124, 120, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 120, 194) }
```

Border

The CSS property to change the border of an element to XYZ 24.7663, 21.6131, 53.9054 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(124, 120, 194) }
```


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

```
.border{ border-color:rgb(124, 120, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 120, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 120, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 120, 194); box-shadow:4px 4px 4px 4px rgb(124, 120, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7663, 21.6131, 53.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 120, 194) }
```

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

```
.background{ background-color: rgb(124,  
120, 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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