

Converting Colors

XYZ(24.5771, 21.0794, 32.2530)

Have a look what the booklet for
XYZ(24.5771, 21.0794, 32.2530)
contains.

XYZ(24.4791, 21.0751, 32.0559)	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(24.4791, 21.0751,
32.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	977397
RGB	151, 115, 151
RGB Percent	59%, 45%, 59%
CMY	0.4078, 0.5490, 0.4078
CMYK	0.00, 0.24, 0.00, 0.41
HSL	300°, 15%, 52%
HSV	300°, 24%, 59%
XYZ	24.4791, 21.0751, 32.0559
YIQ	129.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

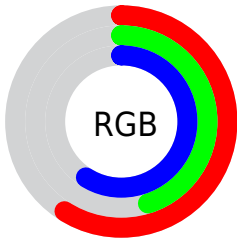
Format	Color
R_{YB}	151, 115, 151
Decimal	9925527
CIE _{Lab}	53.03, 20.57, -14.03
CIE _{LCh}	53, 24.898, 325.703
Yxy	21.0751, 0.3154, 0.2716
Android (android.graphics.Color)	4288115607 (0xFF977397)
YUV	129.8680, 10.4181, 18.5328
Hunter-Lab	45.9076, 14.8423, -9.2651

Details

The XYZ color **24.4791, 21.0751, 32.0559** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2321, 27.0164, 20.3163**, and the grayscale version is **21.1339, 22.2345, 24.2134**.

A 20% lighter version of the original color is **50.2918, 45.1670, 63.8251**, and **9.5040, 7.5259, 13.0083** is the 20% darker color. If you saturate the color by 10%, you get **22.8965, 17.9096, 31.5286**, and if you desaturate by 10%, it is **26.3450, 24.8066, 32.6781**.

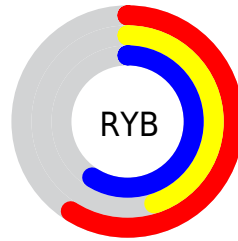
Distribution



Red (59%)

Green (45%)

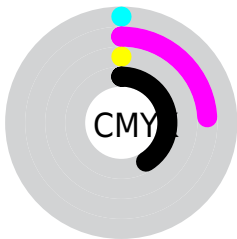
Blue (59%)



Red (59%)

Yellow (45%)

Blue (59%)

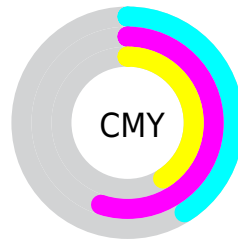


Cyan (0%)

Magenta (24%)

Yellow (0%)

Black (41%)



Cyan (41%)

Magenta (55%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4791, 21.0751, 32.0559 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 24.4791, 21.0751, 32.0559 by changing the saturation by 10% instead.

■ 24.4791, 21.0751,
32.0559

■ 24.4791, 21.0751,
32.0559

267.6295,
257.6773, 325.8744

■ 15.8161, 13.1789,
21.1390

■ 50.2599, 45.2125,
63.9976

■ 9.4841, 7.5519,
13.0334

■ 68.1084, 62.2225,
85.8596

■ 5.1179, 3.8096,
7.3206

■ 89.7494, 83.0392,
112.2070

■ 2.3521, 1.5676,
3.5819

■ 115.5482,
108.0470, 143.4583

■ 0.8211, 0.3356,
1.3989

145.8703,
137.6303, 180.0322

■ 0.0000, 0.0000,
0.1409

181.0810,

■ 0.0000, 0.0000,

172.1736, 222.3472

0.0000

221.5456,
212.0611, 270.8217

■ 24.4791, 21.0751,
32.0559

■ 24.4791, 21.0751,
32.0559

■ 22.8965, 17.9096,
31.5286

■ 26.3450, 24.8066,
32.6781

■ 21.5817, 15.2798,
31.0903

■ 28.5052, 29.1268,
33.3982

■ 20.5203, 13.1570,
30.7365

■ 30.9721, 34.0608,
34.2205

■ 19.6960, 11.5086,
30.4618

■ 33.7573, 39.6311,
35.1489

■ 19.0908, 10.2981,
30.2600

■ 36.8714, 45.8593,
36.1869

■ 18.6836, 9.4838,
30.1243

■ 40.3247, 52.7659,
37.3380

■ 18.4496, 9.0157,
30.0463

■ 44.1270, 60.3705,
38.6054

■ 18.3486, 8.8138,
30.0126

■ 48.2877, 68.6919,
39.9923

■ 52.8159, 77.7483,
41.5017

Harmonies

Analogous

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



22.2922, 21.0751, 38.5227



24.4791, 21.0751, 32.0559



25.4755, 21.0751, 24.0432

Triad

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



24.4791, 21.0751, 32.0559



20.4104, 21.0751, 11.3741



15.8334, 21.0751, 29.7768

Complementary

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



24.4791, 21.0751, 32.0559



21.2321, 27.0164, 20.3163

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.



15.4238, 21.0751, 21.8850



24.4791, 21.0751, 32.0559



17.9286, 21.0751, 12.2634

Square

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



24.4791, 21.0751, 32.0559



23.0003, 21.0751, 12.9878



16.1577, 21.0751, 15.7515



17.3294, 21.0751, 37.0186

Rectangle

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



24.4791, 21.0751, 32.0559



25.2723, 21.0751, 19.2661



16.1577, 21.0751, 15.7515



15.5700, 21.0751, 27.0697

Sweetspot

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



24.4797, 21.0760, 32.0564



49.7120, 49.4887, 59.3658



18.7878, 18.1417, 31.7900



11.2521, 11.1545, 13.4775



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.4797, 21.0760, 32.0564



42.1517, 34.3680, 56.8457



23.1276, 20.5351, 24.9358



6.4612, 6.3237, 7.8090



15.6095, 7.4980, 25.5322



0.2334, 0.1121, 0.3817

Inverse Universe

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



24.4797, 21.0760, 32.0564



42.1517, 34.3680, 56.8457



22.3712, 27.4721, 26.3146



6.4612, 6.3237, 7.8090



15.6095, 7.4980, 25.5322



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 24.4791, 21.0751, 32.0559 looks on a white background.

Color Contrast Check

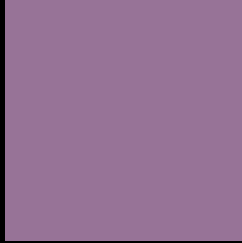
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4791, 21.0751, 32.0559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

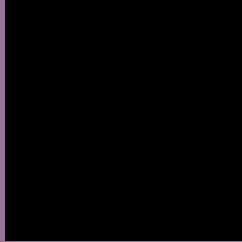
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4791, 21.0751, 32.0559

Background



This preview shows how black text looks on a background with the XYZ color 24.4791, 21.0751, 32.0559.



This preview shows how white text looks on a background with the XYZ color 24.4791, 21.0751,

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

24.4791, 21.0751, 32.0559

Protanopia

21.2402, 21.3123, 35.3420

Deuteranopia

21.5346, 21.1744, 31.3858



Tritanopia

22.7059, 21.0481, 23.2880

Trichromacy



Original Color

24.4791, 21.0751, 32.0559

Protanomaly

22.2360, 21.1109, 33.9132

Deuteranomaly

22.4957, 21.1110, 31.7433

Tritanomaly

23.3168, 21.1240, 26.1410

Monochromacy



Original Color

24.4791, 21.0751, 32.0559

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.4023, 21.9055, 27.0922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4791, 21.0751, 32.0559 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(151, 115, 151)` looks like.

```
.text, #text, p{  
    color:rgb(151, 115, 151)  
}
```

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(151, 115, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 115, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.4791, 21.0751, 32.0559 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(151, 115, 151) }
```


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

```
.border{ border-color:rgb(151, 115, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 115, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 115, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 115, 151);  
box-shadow:4px 4px 4px 4px rgb(151, 115,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4791, 21.0751, 32.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 115, 151) }
```

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

```
.background{ background-color: rgb(151,  
115, 151) }
```

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