

Converting Colors

XYZ(24.5106, 21.5014, 29.1147)

Have a look what the booklet for
XYZ(24.5106, 21.5014, 29.1147)
contains.

XYZ(24.5322, 21.5085, 29.2441)	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(24.5322, 21.5085,
29.2441)**

Conversions

Conversions Part 1

Format	Color
Hex	997590
RGB	153, 117, 144
RGB Percent	60%, 46%, 56%
CMY	0.4000, 0.5412, 0.4353
CMYK	0.00, 0.24, 0.06, 0.40
HSL	315°, 15%, 53%
HSV	315°, 24%, 60%
XYZ	24.5322, 21.5085, 29.2441
YIQ	130.8420, 12.7890, 16.0290

Conversions

Conversions Part 2

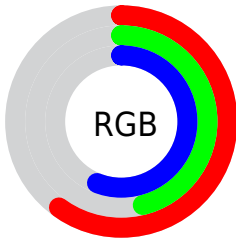
Format	Color
R _Y B	153, 117, 144
Decimal	10057104
CIE Lab	53.50, 18.77, -9.21
CIE LCh	54, 20.910, 333.869
Yxy	21.5085, 0.3259, 0.2857
Android (android.graphics.Color)	4288247184 (0xFF997590)
YUV	130.8420, 6.4869, 19.4326
Hunter-Lab	46.3773, 13.2610, -4.9224

Details

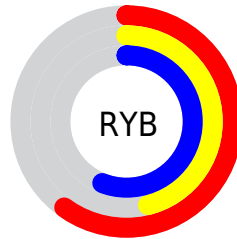
The XYZ color **24.5322, 21.5085, 29.2441** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4941, 28.0714, 23.9727**, and the grayscale version is **21.4920, 22.6112, 24.6236**.

A 20% lighter version of the original color is **50.3934, 45.8630, 59.6225**, and **9.4543, 7.7091, 11.5794** is the 20% darker color. If you saturate the color by 10%, you get **22.6059, 18.1156, 27.1840**, and if you desaturate by 10%, it is **26.7611, 25.4900, 31.4545**.

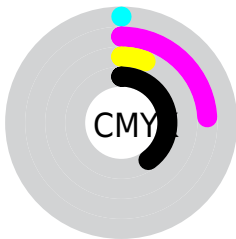
Distribution



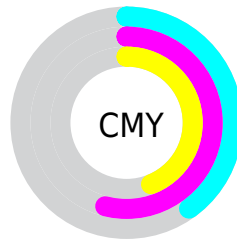
- Red (60%)
- Green (46%)
- Blue (56%)



- Red (60%)
- Yellow (46%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (40%)



- Cyan (40%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5322, 21.5085, 29.2441 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 24.5322, 21.5085, 29.2441 by changing the saturation by 10% instead.

■ 24.5322, 21.5085,
29.2441

■ 24.5322, 21.5085,
29.2441

267.8910,
259.9687, 312.4618

■ 15.8557, 13.4962,
19.0184

■ 50.3457, 45.9323,
59.5115

■ 9.5123, 7.7711,
11.5066

■ 68.2134, 63.1126,
80.3903

■ 5.1366, 3.9488,
6.2902

■ 89.8756, 84.1177,
105.6571

■ 2.3632, 1.6450,
2.9507

115.6976,
109.3319, 135.7306

■ 0.8267, 0.3876,
1.0695

146.0448,
139.1398, 171.0293

■ 0.0000, 0.0000,
0.0000

181.2825,

173.9256, 211.9717

221.7761,
214.0737, 258.9764

■ 24.5322, 21.5085,
29.2441

■ 24.5322, 21.5085,
29.2441

■ 22.6059, 18.1156,
27.1840

■ 26.7611, 25.4900,
31.4545

■ 20.9660, 15.2801,
25.2675

■ 29.3039, 30.0837,
33.8186

■ 19.5977, 12.9724,
23.4895

■ 32.1737, 35.3153,
36.3415

■ 18.4842, 11.1587,
21.8438

■ 35.3823, 41.2081,
39.0277

■ 17.6065, 9.8016,
20.3237

■ 38.9409, 47.7845,
41.8812

■ 16.9432, 8.8580,
18.9215

■ 42.8602, 55.0656,
44.9062

■ 16.4685, 8.2770,
17.6281

■ 47.1503, 63.0716,
48.1064

■ 16.2170, 8.0044,
16.8337

■ 51.8210, 71.8220,
51.4855

■ 56.8819, 81.3356,
55.0471

Harmonies

Analogous

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



22.9228, 21.5085, 35.1445



24.5322, 21.5085, 29.2441



25.0184, 21.5085, 22.6016

Triad

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



24.5322, 21.5085, 29.2441



20.1557, 21.5085, 13.1934



17.0909, 21.5085, 30.9373

Complementary

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



24.5322, 21.5085, 29.2441



22.4941, 28.0714, 23.9727

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.



16.4628, 21.5085, 24.2561



24.5322, 21.5085, 29.2441



18.1492, 21.5085, 14.6434

Square

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



24.5322, 21.5085, 29.2441



22.3871, 21.5085, 14.0468



16.8358, 21.5085, 18.4240



18.6152, 21.5085, 36.2399

Rectangle

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



24.5322, 21.5085, 29.2441



24.6129, 21.5085, 18.8003



16.8358, 21.5085, 18.4240



16.7732, 21.5085, 28.7384

Sweetspot

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



24.5328, 21.5095, 29.2446



50.7686, 50.7758, 59.0034



20.7162, 19.4592, 32.8015



11.1576, 11.1167, 12.9799



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.



24.5328, 21.5095, 29.2446



42.1348, 35.3376, 50.4856



23.2648, 21.0022, 22.5673



6.3952, 6.2972, 7.4612



13.4167, 6.6209, 13.9851



0.2147, 0.1046, 0.2835

Inverse Universe

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



24.5328, 21.5095, 29.2446



42.1348, 35.3376, 50.4856



23.7621, 28.5786, 30.6500



6.3952, 6.2972, 7.4612



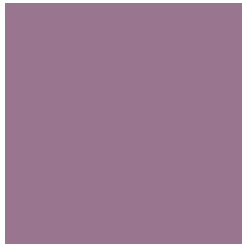
13.4167, 6.6209, 13.9851



0.2147, 0.1046, 0.2835

Previews

White Background



This preview shows how the XYZ color 24.5322, 21.5085, 29.2441 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 24.5322, 21.5085, 29.2441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

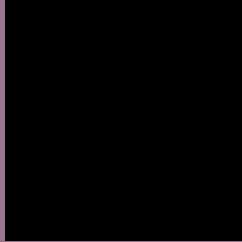
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5322, 21.5085, 29.2441

Background



This preview shows how black text looks on a background with the XYZ color 24.5322, 21.5085, 29.2441.



This preview shows how white text looks on a background with the XYZ color 24.5322, 21.5085,

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

24.5322, 21.5085, 29.2441

Protanopia

21.3437, 21.6241, 32.3271

Deuteranopia

22.1231, 21.7187, 29.0127



Tritanopia

23.4414, 21.5972, 23.7021

Trichromacy



Original Color

24.5322, 21.5085, 29.2441

Protanomaly

22.2598, 21.3724, 30.9690

Deuteranomaly

22.9020, 21.5650, 28.9420

Tritanomaly

23.8488, 21.5903, 25.4646

Monochromacy



Original Color

24.5322, 21.5085, 29.2441

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5522, 22.1882, 26.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5322, 21.5085, 29.2441 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(153, 117, 144)` looks like.

```
.text, #text, p{  
    color:rgb(153, 117, 144)  
}
```

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(153, 117, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 117, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.5322, 21.5085, 29.2441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

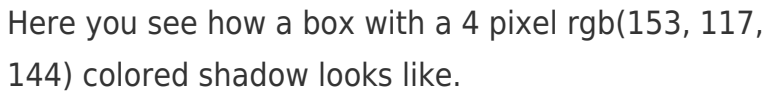
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 117, 144) }
```


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

```
.border{ border-color:rgb(153, 117, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 117, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 117, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 117, 144);  
box-shadow:4px 4px 4px 4px rgb(153, 117,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5322, 21.5085, 29.2441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 117, 144) }
```

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

```
.background{ background-color: rgb(153,  
117, 144) }
```

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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