

Converting Colors

XYZ(25.5916, 21.6621, 25.8897)

Have a look what the booklet for
XYZ(25.5916, 21.6621, 25.8897)
contains.

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Color

**XYZ(25.4947, 21.5704,
25.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	A37287
RGB	163, 114, 135
RGB Percent	64%, 45%, 53%
CMY	0.3608, 0.5529, 0.4706
CMYK	0.00, 0.30, 0.17, 0.36
HSL	334°, 21%, 54%
HSV	334°, 30%, 64%
XYZ	25.4947, 21.5704, 25.7415
YIQ	131.0450, 22.4630, 16.9190

Conversions

Conversions Part 2

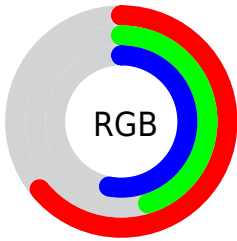
Format	Color
R _Y B	163, 114, 135
Decimal	10711687
CIE Lab	53.57, 22.60, -3.72
CIE LCh	54, 22.900, 350.646
Yxy	21.5704, 0.3502, 0.2963
Android (android.graphics.Color)	4288901767 (0xFFA37287)
YUV	131.0450, 1.9498, 28.0245
Hunter-Lab	46.4439, 16.7080, -0.3506

Details

The XYZ color **25.4947, 21.5704, 25.7415** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9199, 31.7253, 30.4027**, and the grayscale version is **21.5776, 22.7013, 24.7217**.

A 20% lighter version of the original color is **51.9267, 45.9633, 53.7119**, and **9.9604, 7.7515, 9.5655** is the 20% darker color. If you saturate the color by 10%, you get **23.1900, 17.9649, 21.8779**, and if you desaturate by 10%, it is **28.1857, 25.8561, 30.0174**.

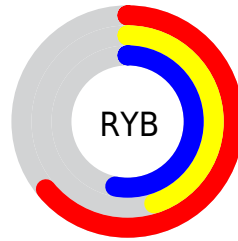
Distribution



Red (64%)

Green (45%)

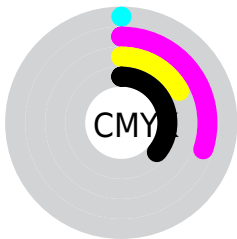
Blue (53%)



Red (64%)

Yellow (45%)

Blue (53%)

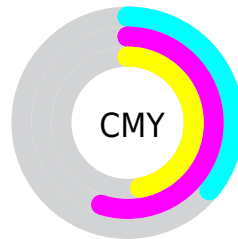


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (36%)



Cyan (36%)

Magenta (55%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4947, 21.5704, 25.7415 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 25.4947, 21.5704, 25.7415 by changing the saturation by 10% instead.

 25.4947, 21.5704,
25.7415


 25.4947, 21.5704,
25.7415


272.5951,
260.2945, 295.0758


 16.5767, 13.5416,
16.4063

 51.8958, 46.0349,
53.8366

 10.0266, 7.8025,
9.6547


 70.1096, 63.2394,
73.4336

 5.4790, 3.9688,
5.0680


 92.1527, 84.2713,
97.2882

 2.5686, 1.6562,
2.2278

 118.3904,
109.5149, 125.8191

 0.9300, 0.3950,
0.6903

149.1882,
139.3546, 159.4448

 0.0000, 0.0000,
0.0000

184.9113,

174.1748, 198.5838

225.9252,
214.3600, 243.6546

■ 25.4947, 21.5704,
25.7415

■ 25.4947, 21.5704,
25.7415

■ 23.1900, 17.9649,
21.8779

■ 28.1857, 25.8561,
30.0174

■ 21.2509, 15.0013,
18.4119

■ 31.2786, 30.8519,
34.7172

■ 19.6574, 12.6418,
15.3296


■ 34.7904, 36.5893,
39.8534


■ 18.3869, 10.8438,
12.6154


■ 38.7368, 43.0972,
45.4378

■ 17.4137, 9.5586,
10.2527


■ 43.1322, 50.4029,
51.4814


 16.7080, 8.7294,
8.2229

 47.9907, 58.5324,
57.9951

 16.2051, 8.2269,
6.5038

 53.3257, 67.5104,
64.9893

 59.1498, 77.3607,
72.4739

 63.6287, 84.4123,
79.8431

Harmonies

Analogous

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



24.3527, 21.5704, 33.0911



25.4947, 21.5704, 25.7415



25.2191, 21.5704, 19.0555

Triad

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



25.4947, 21.5704, 25.7415



18.8900, 21.5704, 13.0133



17.6654, 21.5704, 35.4995

Complementary

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



25.4947, 21.5704, 25.7415



24.9199, 31.7253, 30.4027

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.



16.4132, 21.5704, 28.5561



25.4947, 21.5704, 25.7415



17.0803, 21.5704, 15.9473

Square

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



25.4947, 21.5704, 25.7415



21.2750, 21.5704, 12.5566



16.2078, 21.5704, 21.3672



19.7480, 21.5704, 39.4173

Rectangle

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



25.4947, 21.5704, 25.7415



24.2765, 21.5704, 15.7685



16.2078, 21.5704, 21.3672



17.1406, 21.5704, 33.3840

Sweetspot

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



25.4953, 21.5714, 25.7419



56.5475, 56.1150, 62.9641



23.7443, 20.4102, 37.3386



12.5145, 12.3012, 13.8649



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



25.4953, 21.5714, 25.7419



42.8563, 34.2317, 41.4473



24.5347, 21.7873, 18.8330



7.1939, 7.1340, 8.0073



12.6163, 6.4026, 5.1699



0.2886, 0.1439, 0.2322

Inverse Universe

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



25.4953, 21.5714, 25.7419



42.8563, 34.2317, 41.4473



26.0756, 31.2715, 39.3121



7.1939, 7.1340, 8.0073



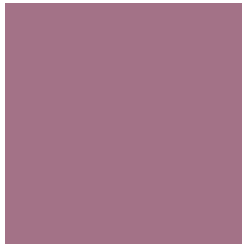
12.6163, 6.4026, 5.1699



0.2886, 0.1439, 0.2322

Previews

White Background



This preview shows how the XYZ color 25.4947, 21.5704, 25.7415 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 25.4947, 21.5704, 25.7415 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 25.4947, 21.5704, 25.7415

Background



This preview shows how black text looks on a background with the XYZ color 25.4947, 21.5704, 25.7415.



This preview shows how white text looks on a background with the XYZ color 25.4947, 21.5704,

25.7415.

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

25.4947, 21.5704, 25.7415

Protanopia

21.1515, 21.5975, 29.0405

Deuteranopia

22.0888, 21.5977, 25.1949



Tritanopia

24.8474, 21.6528, 22.2719

Trichromacy



Original Color

25.4947, 21.5704, 25.7415

Protanomaly

22.3406, 21.3015, 27.7451

Deuteranomaly

23.2323, 21.4501, 25.4701

Tritanomaly

24.9935, 21.5278, 23.6069

Monochromacy



Original Color

25.4947, 21.5704, 25.7415

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8262, 22.1728, 24.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4947, 21.5704, 25.7415 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(163, 114, 135)` looks like.

```
.text, #text, p{  
    color:rgb(163, 114, 135)  
}
```

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(163, 114, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 114, 135) }
```

Border

The CSS property to change the border of an element to XYZ 25.4947, 21.5704, 25.7415 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(163, 114, 135) }
```


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

```
.border{ border-color:rgb(163, 114, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 114, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 114, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 114, 135);  
box-shadow:4px 4px 4px 4px rgb(163, 114,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4947, 21.5704, 25.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 114, 135) }
```

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

```
.background{ background-color: rgb(163,  
114, 135) }
```

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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