

Converting Colors

XYZ(25.1124, 21.4724, 44.4160)

Have a look what the booklet for
XYZ(25.1124, 21.4724, 44.4160)
contains.

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Color

**XYZ(25.1123, 21.4724,
44.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	8C75B1
RGB	140, 117, 177
RGB Percent	55%, 46%, 69%
CMY	0.4510, 0.5412, 0.3059
CMYK	0.21, 0.34, 0.00, 0.31
HSL	263°, 28%, 58%
HSV	263°, 34%, 69%
XYZ	25.1123, 21.4724, 44.4160
YIQ	130.7170, -5.5520, 23.5360

Conversions

Conversions Part 2

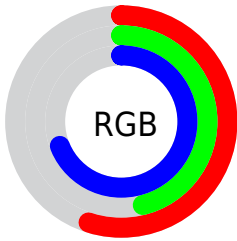
Format	Color
R_{YB}	140, 117, 177
Decimal	9205169
CIE _{Lab}	53.46, 21.43, -28.56
CIE _{LCh}	53, 35.710, 306.878
Yxy	21.4724, 0.2760, 0.2360
Android (android.graphics.Color)	4287395249 (0xFF8C75B1)
YUV	130.7170, 22.8175, 8.1412
Hunter-Lab	46.3383, 15.6431, -24.3936

Details

The XYZ color **25.1123, 21.4724, 44.4160** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.2602, 39.5992, 22.7737**, and the grayscale version is **21.3959, 22.5102, 24.5136**.

A 20% lighter version of the original color is **51.1441, 45.7285, 83.2217**, and **9.8250, 7.7133, 20.0398** is the 20% darker color. If you saturate the color by 10%, you get **21.4929, 16.8295, 43.7109**, and if you desaturate by 10%, it is **29.3056, 26.9910, 45.2605**.

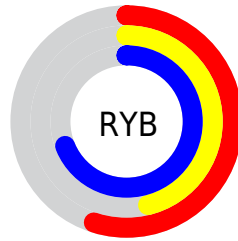
Distribution



Red (55%)

Green (46%)

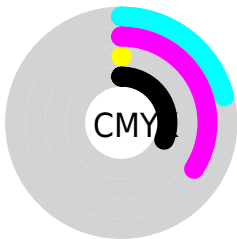
Blue (69%)



Red (55%)

Yellow (46%)

Blue (69%)

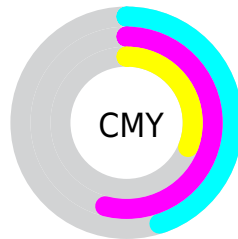


Cyan (21%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.1123, 21.4724, 44.4160 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 25.1123, 21.4724, 44.4160 by changing the saturation by 10% instead.

■ 25.1123, 21.4724,
44.4160

■ 25.1123, 21.4724,
44.4160

270.7341,
259.7785, 380.4941

■ 16.2899, 13.4697,
30.6581

■ 51.2809, 45.8724,
83.1525

■ 9.8217, 7.7528,
20.0824

■ 69.3579, 63.0386,
108.9682

■ 5.3422, 3.9372,
12.2703

■ 91.2504, 84.0280,
139.6402

■ 2.4862, 1.6385,
6.8032

117.3239,
109.2252, 175.5870

■ 0.8883, 0.3833,
3.2628

147.9436,
139.0144, 217.2273

■ 0.0000, 0.0000,
1.2303

183.4750,

■ 0.0000, 0.0000,

173.7801, 264.9796

0.0036

224.2834,
213.9067, 319.2623

■ 0.0000, 0.0000,
0.0000

■ 25.1123, 21.4724,
44.4160

■ 25.1123, 21.4724,
44.4160

■ 21.4929, 16.8295,
43.7109

■ 29.3056, 26.9910,
45.2605

■ 18.4178, 13.0128,
43.1363

■ 34.0959, 33.4258,
46.2501

■ 15.8580, 9.9719,
42.6843

■ 39.5077, 40.8180,
47.3917

■ 13.7806, 7.6496,
42.3455

■ 45.5636, 49.2056,
48.6915

■ 12.1482, 5.9802,
42.1093

■ 52.2846, 58.6242,
50.1552

■ 10.9168, 4.8854,
41.9629

■ 59.6910, 69.1079,
51.7884

■ 10.3092, 4.3979,
41.9008

■ 67.8023, 80.6891,
53.5963

■ 75.4765, 91.0779,
55.1971

■ 79.0360, 92.9128,
55.3637

Harmonies

Analogous

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



21.2960, 21.4724, 50.8956



25.1123, 21.4724, 44.4160



27.8882, 21.4724, 32.5913

Triad

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



25.1123, 21.4724, 44.4160



23.4128, 21.4724, 8.9383



13.9836, 21.4724, 25.9749

Complementary

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



25.1123, 21.4724, 44.4160



32.2602, 39.5992, 22.7737

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.



14.4028, 21.4724, 16.0914



25.1123, 21.4724, 44.4160



19.5468, 21.4724, 8.1567

Square

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



25.1123, 21.4724, 44.4160



26.8251, 21.4724, 12.9411



16.3328, 21.4724, 10.3236



15.1072, 21.4724, 38.3100

Rectangle

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



25.1123, 21.4724, 44.4160



28.6033, 21.4724, 24.5373



16.3328, 21.4724, 10.3236



13.9512, 21.4724, 22.2593

Sweetspot

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



25.1130, 21.4733, 44.4165



64.5432, 64.5927, 83.5611



26.9940, 30.3997, 46.0403



13.7065, 13.6156, 18.0500



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.1130, 21.4733, 44.4165



39.8314, 31.8375, 78.5412



30.6599, 24.3328, 44.6761



8.3397, 8.3836, 10.6850



7.5326, 3.2190, 30.3613



0.3033, 0.1354, 0.9584

Inverse Universe

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



30.3262, 24.4037, 33.6849



50.8673, 38.0511, 55.3682



27.3912, 37.0892, 22.5459



8.7092, 8.5904, 9.9671



15.1731, 7.5868, 11.3373



0.5048, 0.2497, 0.5011

Previews

White Background



This preview shows how the XYZ color 25.1123, 21.4724, 44.4160 looks on a white background.

Color Contrast Check

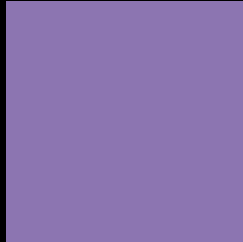
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1123, 21.4724, 44.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

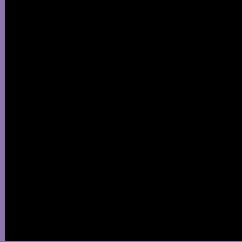
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1123, 21.4724, 44.4160

Background



This preview shows how black text looks on a background with the XYZ color 25.1123, 21.4724, 44.4160.



This preview shows how white text looks on a background with the XYZ color 25.1123, 21.4724,

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

25.1123, 21.4724, 44.4160

Protanopia

22.4193, 21.6336, 48.3415

Deuteranopia

22.0088, 21.5276, 43.5527



Tritanopia

21.3797, 21.4030, 25.9260

Trichromacy



Original Color

25.1123, 21.4724, 44.4160

Protanomaly

23.1692, 21.4952, 46.6439

Deuteranomaly

23.0878, 21.5115, 44.0096

Tritanomaly

22.6179, 21.3553, 31.7841

Monochromacy



Original Color

25.1123, 21.4724, 44.4160

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6377, 22.1282, 31.0950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1123, 21.4724, 44.4160 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(140, 117, 177)` looks like.

```
.text, #text, p{  
    color:rgb(140, 117, 177)  
}
```

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(140, 117, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 117, 177) }
```

Border

The CSS property to change the border of an element to XYZ 25.1123, 21.4724, 44.4160 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(140, 117, 177) }
```


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

```
.border{ border-color:rgb(140, 117, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 117, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 117, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 117, 177);  
box-shadow:4px 4px 4px 4px rgb(140, 117,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1123, 21.4724, 44.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 117, 177) }
```

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

```
.background{ background-color: rgb(140,  
117, 177) }
```

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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