

Converting Colors

XYZ(25.9613, 21.4928, 33.5334)

Have a look what the booklet for
XYZ(25.9613, 21.4928, 33.5334)
contains.

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Color

**XYZ(25.8384, 21.4124,
33.3430)**

Conversions

Conversions Part 1

Format	Color
Hex	9E719A
RGB	158, 113, 154
RGB Percent	62%, 44%, 60%
CMY	0.3804, 0.5568, 0.3961
CMYK	0.00, 0.28, 0.03, 0.38
HSL	305°, 19%, 53%
HSV	305°, 28%, 62%
XYZ	25.8384, 21.4124, 33.3430
YIQ	131.1290, 13.6590, 22.2910

Conversions

Conversions Part 2

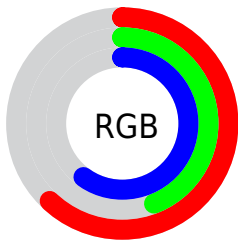
Format	Color
R_{YB}	158, 113, 154
Decimal	10383770
CIE _{Lab}	53.40, 24.77, -15.16
CIE _{LCh}	53, 29.040, 328.542
Y _{xy}	21.4124, 0.3206, 0.2657
Android (android.graphics.Color)	4288573850 (0xFF9E719A)
YUV	131.1290, 11.2754, 23.5659
Hunter-Lab	46.2735, 18.6929, -10.3307

Details

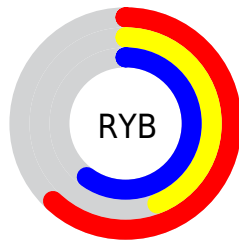
The XYZ color **25.8384, 21.4124, 33.3430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.2486, 29.2495, 21.3039**, and the grayscale version is **21.5775, 22.7013, 24.7217**.

A 20% lighter version of the original color is **52.2809, 45.6105, 65.7227**, and **10.2254, 7.7102, 13.7812** is the 20% darker color. If you saturate the color by 10%, you get **24.1107, 18.1428, 32.1935**, and if you desaturate by 10%, it is **27.8757, 25.2982, 34.6030**.

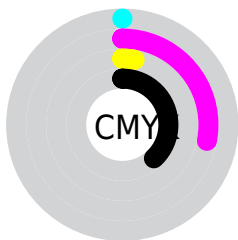
Distribution



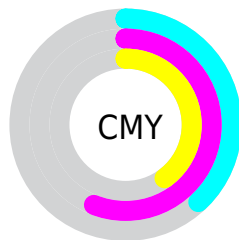
- Red (62%)
- Green (44%)
- Blue (60%)



- Red (62%)
- Yellow (44%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (3%)
- Black (38%)



- Cyan (38%)
- Magenta (56%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8384, 21.4124, 33.3430 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 25.8384, 21.4124, 33.3430 by changing the saturation by 10% instead.

■ 25.8384, 21.4124,
33.3430

■ 25.8384, 21.4124,
33.3430

274.2592,
259.4621, 331.8718

■ 16.8348, 13.4258,
22.1161

■ 52.4473, 45.7729,
66.0328

■ 10.2114, 7.7224,
13.7431

■ 70.7833, 62.9155,
88.3328

■ 5.6027, 3.9178,
7.8055

■ 92.9609, 83.8790,
115.1609

■ 2.6434, 1.6277,
3.8848

■ 119.3453,
109.0476, 146.9356

■ 0.9681, 0.3762,
1.5623

150.3020,
138.8059, 184.0756

■ 0.0000, 0.0000,
0.2637

186.1963,

■ 0.0000, 0.0000,

173.5381, 226.9992

0.0000

227.3936,
213.6287, 276.1251

■ 25.8384, 21.4124,
33.3430

■ 25.8384, 21.4124,
33.3430

■ 24.1107, 18.1428,
32.1935

■ 27.8757, 25.2982,
34.6030

■ 22.6747, 15.4548,
31.1477

■ 30.2353, 29.8269,
35.9769

■ 21.5137, 13.3146,
30.2002

■ 32.9317, 35.0271,
37.4699

■ 20.6085, 11.6838,
29.3448

■ 35.9780, 40.9246,
39.0864

■ 19.9375, 10.5193,
28.5740

■ 39.3864, 47.5443,
40.8304

■ 19.4755, 9.7705,
27.8795

■ 43.1687, 54.9094,
42.7059

■ 19.1737, 9.3401,
27.2451

■ 47.3360, 63.0423,
44.7166

■ 19.1313, 9.2814,
27.1504

■ 51.8990, 71.9645,
46.8662

■ 56.8028, 81.5660,
49.1363

Harmonies

Analogous

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



23.3174, 21.4124, 41.6325



25.8384, 21.4124, 33.3430



26.8710, 21.4124, 23.7489

Triad

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



25.8384, 21.4124, 33.3430



20.5030, 21.4124, 10.1287



15.5763, 21.4124, 32.4026

Complementary

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



25.8384, 21.4124, 33.3430



22.2486, 29.2495, 21.3039

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.



14.9828, 21.4124, 22.8853



25.8384, 21.4124, 33.3430



17.6490, 21.4124, 11.3554

Square

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



25.8384, 21.4124, 33.3430



23.6045, 21.4124, 11.6248



15.7027, 21.4124, 15.5301



17.4126, 21.4124, 41.0002

Rectangle

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



25.8384, 21.4124, 33.3430



26.5047, 21.4124, 18.3220



15.7027, 21.4124, 15.5301



15.2335, 21.4124, 29.1403

Sweetspot

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



25.8391, 21.4133, 33.3435



54.5884, 53.5531, 65.1523



19.3802, 18.0445, 34.8097



12.1664, 11.8034, 14.6083



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



25.8391, 21.4133, 33.3435



44.9175, 35.0846, 59.2362



24.1542, 20.7394, 24.4711



6.8787, 6.7444, 8.2124



15.3294, 7.4363, 21.7833



0.2808, 0.1356, 0.4247

Inverse Universe

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



25.8391, 21.4133, 33.3435



44.9175, 35.0846, 59.2362



23.7162, 29.8365, 29.0318



6.8787, 6.7444, 8.2124



15.3294, 7.4363, 21.7833



0.2808, 0.1356, 0.4247

Previews

White Background



This preview shows how the XYZ color 25.8384, 21.4124, 33.3430 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 25.8384, 21.4124, 33.3430 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 25.8384, 21.4124, 33.3430

Background



This preview shows how black text looks on a background with the XYZ color 25.8384, 21.4124, 33.3430.



This preview shows how white text looks on a background with the XYZ color 25.8384, 21.4124,

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

25.8384, 21.4124, 33.3430

Protanopia

21.5429, 21.4176, 37.6489

Deuteranopia

22.0544, 21.6014, 32.7129



Tritanopia

23.6356, 21.3592, 22.9557

Trichromacy



Original Color

25.8384, 21.4124, 33.3430

Protanomaly

22.8554, 21.1994, 36.1450

Deuteranomaly

23.4024, 21.5501, 33.0631

Tritanomaly

24.2783, 21.2655, 26.4920

Monochromacy



Original Color

25.8384, 21.4124, 33.3430

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.8524, 21.9421, 27.4569

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8384, 21.4124, 33.3430 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(158, 113, 154)` looks like.

```
.text, #text, p{  
    color:rgb(158, 113, 154)  
}
```

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(158, 113, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 113, 154) }
```

Border

The CSS property to change the border of an element to XYZ 25.8384, 21.4124, 33.3430 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(158, 113, 154) }
```


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

```
.border{ border-color:rgb(158, 113, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 113, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 113, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 113, 154);  
box-shadow:4px 4px 4px 4px rgb(158, 113,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8384, 21.4124, 33.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 113, 154) }
```

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

```
.background{ background-color: rgb(158,  
113, 154) }
```

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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