

Converting Colors

XYZ(24.4843, 21.5792, 23.4045)

Have a look what the booklet for
XYZ(24.4843, 21.5792, 23.4045)
contains.

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Color

**XYZ(24.5556, 21.6520,
23.3071)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7580
RGB	159, 117, 128
RGB Percent	62%, 46%, 50%
CMY	0.3765, 0.5412, 0.4980
CMYK	0.00, 0.26, 0.19, 0.38
HSL	344°, 18%, 54%
HSV	344°, 26%, 62%
XYZ	24.5556, 21.6520, 23.3071
YIQ	130.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

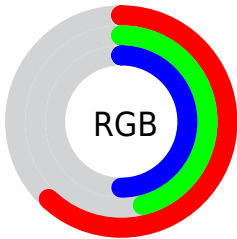
Format	Color
R_{YB}	159, 117, 128
Decimal	10450304
CIE _{Lab}	53.66, 18.21, 0.46
CIE _{LCh}	54, 18.215, 1.438
Yxy	21.6520, 0.3532, 0.3115
Android (android.graphics.Color)	4288640384 (0xFF9F7580)
YUV	130.8120, -1.3863, 24.7209
Hunter-Lab	46.5317, 12.7671, 2.8746

Details

The XYZ color **24.5556, 21.6520, 23.3071** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.0804, 30.7168, 32.6254**, and the grayscale version is **21.5062, 22.6262, 24.6400**.

A 20% lighter version of the original color is **50.2600, 46.0083, 49.9476**, and **9.5418, 7.8246, 8.4045** is the 20% darker color. If you saturate the color by 10%, you get **22.1297, 17.9656, 18.9051**, and if you desaturate by 10%, it is **27.3868, 26.0054, 28.2856**.

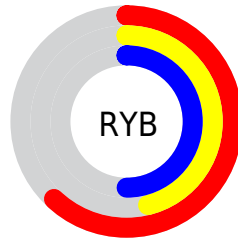
Distribution



Red (62%)

Green (46%)

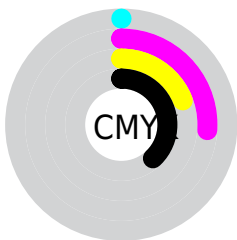
Blue (50%)



Red (62%)

Yellow (46%)

Blue (50%)

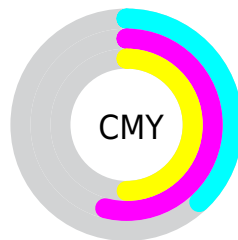


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (38%)



Cyan (38%)

Magenta (54%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5556, 21.6520, 23.3071 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 24.5556, 21.6520, 23.3071 by changing the saturation by 10% instead.

■ 24.5556, 21.6520,
23.3071

■ 24.5556, 21.6520,
23.3071

268.0062,
260.7235, 282.4713

■ 15.8732, 13.6014,
14.6130

■ 50.3835, 46.1702,
49.8267

■ 9.5248, 7.8440,
8.4046

■ 68.2597, 63.4065,
68.4892

■ 5.1449, 3.9953,
4.2635

■ 89.9312, 84.4736,
91.3117

■ 2.3681, 1.6709,
1.7710

115.7634,
109.7558, 118.7125

■ 0.8292, 0.4047,
0.4087

146.1216,
139.6375, 151.1104

■ 0.0000, 0.0000,
0.0000

181.3713,

174.5031, 188.9238

221.8777,
214.7369, 232.5712

■ 24.5556, 21.6520,
23.3071

■ 24.5556, 21.6520,
23.3071

■ 22.1297, 17.9656,
18.9051

■ 27.3868, 26.0054,
28.2856

■ 20.0883, 14.9103,
15.0569

■ 30.6391, 31.0537,
33.8595

■ 18.4115, 12.4513,
11.7404


■ 34.3297, 36.8265,
40.0481


■ 17.0770, 10.5490,
8.9314


■ 38.4743, 43.3510,
46.8699

■ 16.0596, 9.1593,
6.6036


■ 43.0877, 50.6529,
54.3424


 15.3306, 8.2310,
4.7281


 48.1843, 58.7569,
62.4822

 14.8501, 7.6908,
3.2705

 53.7777, 67.6862,
71.3056

 14.7095, 7.5355,
2.8356

 59.8808, 77.4635,
80.8282

 64.8563, 84.8102,
90.5151

Harmonies

Analogous

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



24.0477, 21.6520, 29.0848



24.5556, 21.6520, 23.3071



23.9435, 21.6520, 18.4113

Triad

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



24.5556, 21.6520, 23.3071



18.6871, 21.6520, 15.5564



18.8403, 21.6520, 34.3076

Complementary

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



24.5556, 21.6520, 23.3071



25.0804, 30.7168, 32.6254

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.



17.5464, 21.6520, 29.6246



24.5556, 21.6520, 23.3071



17.4620, 21.6520, 18.8097

Square

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



24.5556, 21.6520, 23.3071



20.4857, 21.6520, 14.3956



17.0577, 21.6520, 23.8456



20.6737, 21.6520, 36.0070

Rectangle

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



24.5556, 21.6520, 23.3071



23.0038, 21.6520, 16.1430



17.0577, 21.6520, 23.8456



18.3320, 21.6520, 32.9972

Sweetspot

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



24.5562, 21.6530, 23.3075



53.8030, 53.9498, 58.8246



24.7966, 21.5041, 35.6448



11.9340, 11.8583, 12.9283



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.



24.5562, 21.6530, 23.3075



41.2022, 34.5502, 36.7374



25.0732, 23.7833, 20.1000



6.7008, 6.6732, 7.2757



11.6332, 5.9579, 2.3196



0.2239, 0.1129, 0.1250

Inverse Universe

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



24.5562, 21.6530, 23.3075



41.2022, 34.5502, 36.7374



24.3740, 27.8440, 36.8908



6.7008, 6.6732, 7.2757



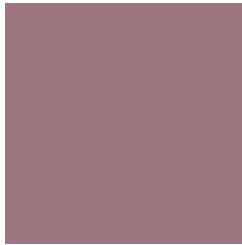
11.6332, 5.9579, 2.3196



0.2239, 0.1129, 0.1250

Previews

White Background



This preview shows how the XYZ color 24.5556, 21.6520, 23.3071 looks on a white background.

Color Contrast Check

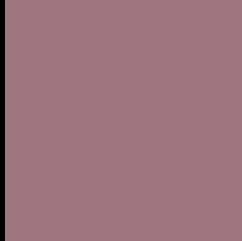
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.5556, 21.6520, 23.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

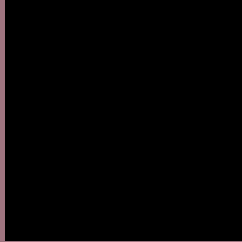
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.5556, 21.6520, 23.3071

Background



This preview shows how black text looks on a background with the XYZ color 24.5556, 21.6520, 23.3071.



This preview shows how white text looks on a background with the XYZ color 24.5556, 21.6520,

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

24.5556, 21.6520, 23.3071

Protanopia

21.0755, 21.8267, 25.6564

Deuteranopia

22.0229, 21.6103, 23.0892



Tritanopia

24.4253, 21.5999, 22.6205

Trichromacy



Original Color

24.5556, 21.6520, 23.3071

Protanomaly

22.1877, 21.6567, 24.8405

Deuteranomaly

22.8809, 21.5030, 23.0232

Tritanomaly

24.4901, 21.6258, 22.9621

Monochromacy



Original Color

24.5556, 21.6520, 23.3071

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4746, 22.1961, 24.2188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5556, 21.6520, 23.3071 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(159, 117, 128)` looks like.

```
.text, #text, p{  
    color:rgb(159, 117, 128)  
}
```

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(159, 117, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 117, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.5556, 21.6520, 23.3071 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(159, 117, 128) }
```


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

```
.border{ border-color:rgb(159, 117, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 117, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 117, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 117, 128); box-shadow:4px 4px 4px 4px rgb(159, 117, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5556, 21.6520, 23.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 117, 128) }
```

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

```
.background{ background-color: rgb(159,  
117, 128) }
```

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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