

Converting Colors

XYZ(24.9135, 20.6308, 28.2676)

Have a look what the booklet for
XYZ(24.9135, 20.6308, 28.2676)
contains.

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Color

**XYZ(24.9556, 20.5784,
28.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	A06E8E
RGB	160, 110, 142
RGB Percent	63%, 43%, 56%
CMY	0.3725, 0.5686, 0.4431
CMYK	0.00, 0.31, 0.11, 0.37
HSL	322°, 21%, 53%
HSV	322°, 31%, 63%
XYZ	24.9556, 20.5784, 28.2479
YIQ	128.5980, 19.5280, 20.5520

Conversions

Conversions Part 2

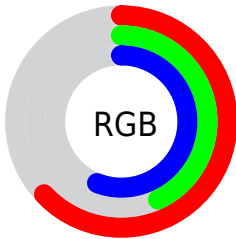
Format	Color
R _Y B	160, 110, 142
Decimal	10514062
CIE Lab	52.48, 24.98, -9.48
CIE LCh	52, 26.714, 339.215
Yxy	20.5784, 0.3382, 0.2789
Android (android.graphics.Color)	4288704142 (0xFFA06E8E)
YUV	128.5980, 6.6072, 27.5396
Hunter-Lab	45.3634, 18.8115, -5.1656

Details

The XYZ color **24.9556, 20.5784, 28.2479** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.8983, 30.0157, 25.0101**, and the grayscale version is **20.6992, 21.7771, 23.7153**.

A 20% lighter version of the original color is **50.9085, 44.2733, 58.0870**, and **9.7849, 7.2983, 11.0182** is the 20% darker color. If you saturate the color by 10%, you get **22.9614, 17.2641, 25.5043**, and if you desaturate by 10%, it is **27.2851, 24.5269, 31.2140**.

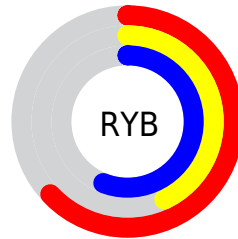
Distribution



Red (63%)

Green (43%)

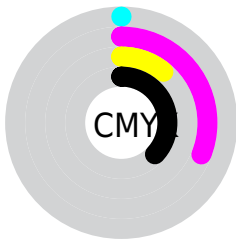
Blue (56%)



Red (63%)

Yellow (43%)

Blue (56%)

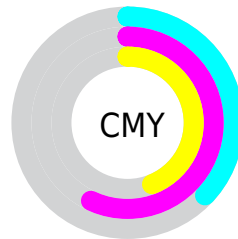


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (37%)



Cyan (37%)


Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9556, 20.5784, 28.2479 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 24.9556, 20.5784, 28.2479 by changing the saturation by 10% instead.


 24.9556, 20.5784,
28.2479


 24.9556, 20.5784,
28.2479


269.9685,
255.0294, 307.5987


 16.1725, 12.8162,
18.2719


 51.0286, 44.3848,
57.9078


 9.7379, 7.3021,
10.9739


 69.0492, 61.1978,
78.4289

 5.2865, 3.6517,
5.9354

 90.8798, 81.7965,
103.3021

 2.4528, 1.4807,
2.7377

 116.8856,
106.5653, 132.9459

 0.8715, 0.2751,
0.9623

147.4320,
135.8886, 167.7790

 0.0000, 0.0000,
0.0000

182.8844,

170.1507, 208.2198

223.6081,
209.7362, 254.6868

■ 24.9556, 20.5784,
28.2479

■ 24.9556, 20.5784,
28.2479

■ 22.9614, 17.2641,
25.5043

■ 27.2851, 24.5269,
31.2140

■ 21.2836, 14.5476,
22.9746

■ 29.9639, 29.1380,
34.4082

■ 19.9039, 12.3928,
20.6512

■ 33.0074, 34.4417,
37.8375

■ 18.8018, 10.7588,
18.5256

■ 36.4295, 40.4655,
41.5080

■ 17.9535, 9.5991,
16.5881

■ 40.2436, 47.2351,
45.4257

■ 17.3314, 8.8586,
14.8276

■ 44.4620, 54.7752,
49.5962

■ 16.9154, 8.4409,
13.4115

■ 49.0967, 63.1092,
54.0250

■ 54.1593, 72.2597,
58.7173

■ 59.6606, 82.2481,
63.6782

Harmonies

Analogous

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



23.1122, 20.5784, 36.3751



24.9556, 20.5784, 28.2479



25.2829, 20.5784, 20.0581

Triad

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



24.9556, 20.5784, 28.2479



18.7210, 20.5784, 10.4977



15.7267, 20.5784, 33.4622

Complementary

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



24.9556, 20.5784, 28.2479



22.8983, 30.0157, 25.0101

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.



14.7718, 20.5784, 24.9311



24.9556, 20.5784, 28.2479



16.3903, 20.5784, 12.5684

Square

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



24.9556, 20.5784, 28.2479



21.5047, 20.5784, 10.9836



15.0028, 20.5784, 17.4314



17.7347, 20.5784, 39.8440

Rectangle

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



24.9556, 20.5784, 28.2479



24.5695, 20.5784, 15.7731



15.0028, 20.5784, 17.4314



15.2809, 20.5784, 30.6790

Sweetspot

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



24.9562, 20.5793, 28.2483



55.4964, 54.7983, 63.7311



20.7490, 18.2415, 35.6854



12.0118, 11.7415, 13.7940



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.



24.9562, 20.5793, 28.2483



42.9037, 33.3464, 48.0238



23.3142, 19.9225, 19.6018



6.8027, 6.7140, 7.8121



13.1982, 6.5839, 10.5609



0.2556, 0.1256, 0.2919

Inverse Universe

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



24.9562, 20.5793, 28.2483



42.9037, 33.3464, 48.0238



24.7104, 30.7405, 34.5526



6.8027, 6.7140, 7.8121



13.1982, 6.5839, 10.5609



0.2556, 0.1256, 0.2919

Previews

White Background



This preview shows how the XYZ color 24.9556, 20.5784, 28.2479 looks on a white background.

Color Contrast Check

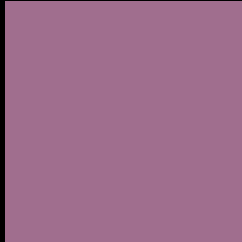
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9556, 20.5784, 28.2479 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 24.9556, 20.5784, 28.2479

Background



This preview shows how black text looks on a background with the XYZ color 24.9556, 20.5784, 28.2479.



This preview shows how white text looks on a background with the XYZ color 24.9556, 20.5784,

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

24.9556, 20.5784, 28.2479

Protanopia

20.6209, 20.6754, 32.6097

Deuteranopia

21.0532, 20.6378, 27.6848



Tritanopia

23.6307, 20.7089, 21.1641

Trichromacy



Original Color

24.9556, 20.5784, 28.2479

Protanomaly

21.9338, 20.4827, 30.8145

Deuteranomaly

22.4415, 20.6307, 27.9986

Tritanomaly

24.1657, 20.7662, 23.5035

Monochromacy



Original Color

24.9556, 20.5784, 28.2479

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.0778, 21.2157, 25.4857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9556, 20.5784, 28.2479 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(160, 110, 142)` looks like.

```
.text, #text, p{  
    color:rgb(160, 110, 142)  
}
```

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(160, 110, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 110, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.9556, 20.5784, 28.2479 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(160, 110, 142) }
```


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

```
.border{ border-color:rgb(160, 110, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 110, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 110, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 110, 142);  
box-shadow:4px 4px 4px 4px rgb(160, 110,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9556, 20.5784, 28.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 110, 142) }
```

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

```
.background{ background-color: rgb(160,  
110, 142) }
```

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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