

Converting Colors

XYZ(24.4889, 19.7110, 56.5467)

Have a look what the booklet for
XYZ(24.4889, 19.7110, 56.5467)
contains.

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Color

**XYZ(24.4889, 19.7110,
56.5467)**

Conversions

Conversions Part 1

Format	Color
Hex	7E6EC7
RGB	126, 110, 199
RGB Percent	49%, 43%, 78%
CMY	0.5059, 0.5686, 0.2196
CMYK	0.37, 0.45, 0.00, 0.22
HSL	251°, 44%, 61%
HSV	251°, 45%, 78%
XYZ	24.4889, 19.7110, 56.5467
YIQ	124.9300, -19.0330, 31.0710

Conversions

Conversions Part 2

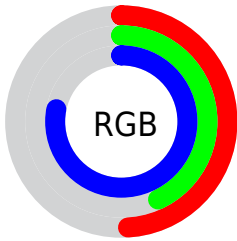
Format	Color
R_{YB}	126, 110, 199
Decimal	8285895
CIE _{Lab}	51.51, 27.17, -44.37
CIE _{LCh}	52, 52.027, 301.488
Yxy	19.7110, 0.2431, 0.1956
Android (android.graphics.Color)	4286475975 (0xFF7E6EC7)
YUV	124.9300, 36.5165, 0.9384
Hunter-Lab	44.3971, 20.7636, -44.4373

Details

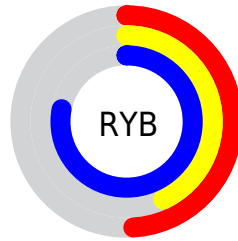
The XYZ color **24.4889, 19.7110, 56.5467** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **42.7665, 52.0402, 22.5432**, and the grayscale version is **19.3558, 20.3638, 22.1762**.

A 20% lighter version of the original color is **50.0264, 42.8844, 100.2486**, and **9.4292, 6.8366, 27.2082** is the 20% darker color. If you saturate the color by 10%, you get **20.3644, 14.7477, 55.8064**, and if you desaturate by 10%, it is **29.4897, 25.8424, 57.4670**.

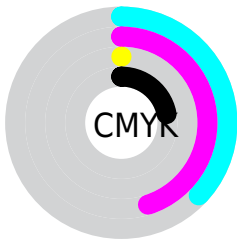
Distribution



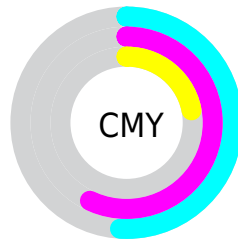
- Red (49%)
- Green (43%)
- Blue (78%)



- Red (49%)
- Yellow (43%)
- Blue (78%)



- Cyan (37%)
- Magenta (45%)
- Yellow (0%)
- Black (22%)



- Cyan (51%)
- Magenta (57%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4889, 19.7110, 56.5467 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 24.4889, 19.7110, 56.5467 by changing the saturation by 10% instead.

■ 24.4889, 19.7110,
56.5467

■ 24.4889, 19.7110,
56.5467

267.6778,
250.3463, 429.1946

■ 15.8234, 12.1851,
40.2345

■ 50.2757, 42.9321,
101.2972

■ 9.4893, 6.8699,
27.4062

■ 68.1278, 59.3962,
130.5726

■ 5.1213, 3.3809,
17.6434

■ 89.7727, 79.6084,
165.0061

■ 2.3541, 1.3337,
10.5275

■ 115.5758,
103.9532, 205.0163

■ 0.8221, 0.1670,
5.6399

145.9025,
132.8150, 251.0217

■ 0.0000, 0.0000,
2.5622

181.1182,

■ 0.0000, 0.0000,

166.5782, 303.4409

0.8728

221.5882,
205.6272, 362.6923

■ 0.0000, 0.0000,
0.0000

■ 24.4889, 19.7110,
56.5467

■ 24.4889, 19.7110,
56.5467

■ 20.3644, 14.7477,
55.8064

■ 29.4897, 25.8424,
57.4670

■ 17.0623, 10.8751,
55.2330

■ 35.4120, 33.2081,
58.5766

■ 14.5259, 8.0100,
54.8137

■ 42.3003, 41.8720,
59.8858

■ 12.6903, 6.0556,
54.5332

■ 50.1957, 51.8927,
61.4039

■ 11.4785, 4.8958,
54.3732

■ 59.1369, 63.3255,
63.1394

■ 11.0287, 4.4946,
54.3195

■ 69.1605, 76.2223,
65.1004

■ 80.3012, 90.6327,
67.2947

■ 87.3089, 96.9035,
68.1358

Harmonies

Analogous

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



18.9969, 19.7110, 65.0018



24.4889, 19.7110, 56.5467



29.0249, 19.7110, 38.3393

Triad

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



24.4889, 19.7110, 56.5467



23.9526, 19.7110, 4.8053



10.3776, 19.7110, 22.2179

Complementary

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



24.4889, 19.7110, 56.5467



42.7665, 52.0402, 22.5432

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.



11.2192, 19.7110, 10.4469



24.4889, 19.7110, 56.5467



18.4750, 19.7110, 3.6327

Square

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



24.4889, 19.7110, 56.5467



28.6769, 19.7110, 9.6663



13.9609, 19.7110, 5.0862



11.4056, 19.7110, 40.2766

Rectangle

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



24.4889, 19.7110, 56.5467



30.5339, 19.7110, 26.0099



13.9609, 19.7110, 5.0862



10.4502, 19.7110, 17.4777

Sweetspot

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



24.4897, 19.7117, 56.5472



76.0661, 75.8458, 105.2383



33.9148, 41.7893, 60.3118



15.6579, 15.4461, 22.4061



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



24.4897, 19.7117, 56.5472



35.6114, 25.7684, 97.7046



32.3191, 23.7479, 56.9136



10.2316, 10.3776, 13.3813



7.1452, 2.9177, 34.9309



0.3942, 0.1670, 1.6566

Inverse Universe

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



37.6767, 26.7134, 47.9699



61.9534, 39.7794, 79.4548



33.9975, 47.5196, 22.1328



10.9981, 10.7826, 12.9734



19.4384, 9.5249, 23.3165



0.9424, 0.4598, 1.2198

Previews

White Background



This preview shows how the XYZ color 24.4889, 19.7110, 56.5467 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 24.4889, 19.7110, 56.5467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

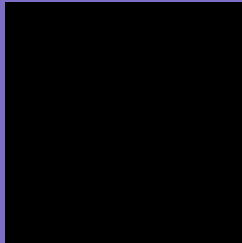
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4889, 19.7110, 56.5467

Background



This preview shows how black text looks on a background with the XYZ color 24.4889, 19.7110, 56.5467.

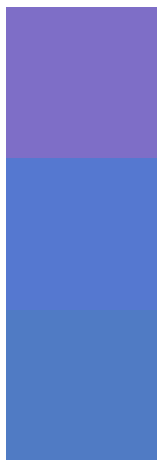


This preview shows how white text looks on a background with the XYZ color 24.4889, 19.7110,

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

24.4889, 19.7110, 56.5467

Protanopia

21.8479, 19.9183, 62.3676

Deuteranopia

20.3550, 19.8569, 54.9845



Tritanopia

18.3188, 19.8332, 25.4169

Trichromacy



Original Color

24.4889, 19.7110, 56.5467

Protanomaly

22.5204, 19.6079, 60.3554

Deuteranomaly

21.4862, 19.5295, 55.4604

Tritanomaly

20.2241, 19.6835, 35.0811

Monochromacy



Original Color

24.4889, 19.7110, 56.5467

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.8414, 20.0599, 32.4793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4889, 19.7110, 56.5467 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(126, 110, 199)` looks like.

```
.text, #text, p{  
    color:rgb(126, 110, 199)  
}
```

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(126, 110, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 110, 199) }
```

Border

The CSS property to change the border of an element to XYZ 24.4889, 19.7110, 56.5467 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(126, 110, 199) }
```


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

```
.border{ border-color:rgb(126, 110, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 110, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 110, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 110, 199);  
box-shadow:4px 4px 4px 4px rgb(126, 110,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4889, 19.7110, 56.5467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 110, 199) }
```

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

```
.background{ background-color: rgb(126,  
110, 199) }
```

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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