

Converting Colors

XYZ(25.1165, 17.9689, 44.2401)

Have a look what the booklet for
XYZ(25.1165, 17.9689, 44.2401)
contains.

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Color

**XYZ(25.1755, 17.9921,
44.2654)**

Conversions

Conversions Part 1

Format	Color
Hex	995EB2
RGB	153, 94, 178
RGB Percent	60%, 37%, 70%
CMY	0.4000, 0.6314, 0.3020
CMYK	0.14, 0.47, 0.00, 0.30
HSL	282°, 35%, 53%
HSV	282°, 47%, 70%
XYZ	25.1755, 17.9921, 44.2654
YIQ	121.2170, 8.2000, 38.6320

Conversions

Conversions Part 2

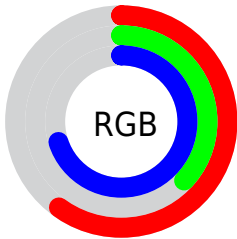
Format	Color
R_{YB}	153, 94, 178
Decimal	10051250
CIE _{Lab}	49.49, 38.84, -35.25
CIE _{LCh}	49, 52.451, 317.770
Yxy	17.9921, 0.2879, 0.2058
Android (android.graphics.Color)	4288241330 (0xFF995EB2)
YUV	121.2170, 27.9940, 27.8737
Hunter-Lab	42.4171, 31.7138, -32.1816

Details

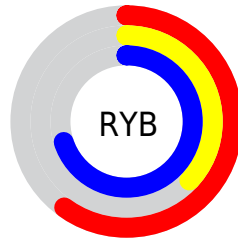
The XYZ color **25.1755, 17.9921, 44.2654** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **25.5490, 36.5713, 16.3028**, and the grayscale version is **18.1552, 19.1006, 20.8006**.

A 20% lighter version of the original color is **51.4247, 40.0536, 82.8626**, and **9.8956, 6.0668, 20.0515** is the 20% darker color. If you saturate the color by 10%, you get **22.7937, 14.6797, 43.7519**, and if you desaturate by 10%, it is **27.9679, 22.0589, 44.9035**.

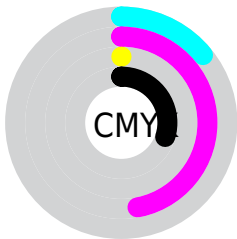
Distribution



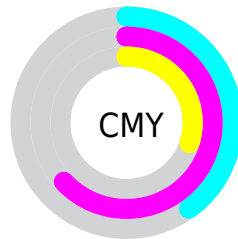
- Red (60%)
- Green (37%)
- Blue (70%)



- Red (60%)
- Yellow (37%)
- Blue (70%)



- Cyan (14%)
- Magenta (47%)
- Yellow (0%)
- Black (30%)





- Cyan (40%)
- Magenta (63%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.1755, 17.9921, 44.2654 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 25.1755, 17.9921, 44.2654 by changing the saturation by 10% instead.


 25.1755, 17.9921,
44.2654


 25.1755, 17.9921,
44.2654


271.0424,
240.8265, 379.8632


 16.3373, 10.9443,
30.5405


 51.3826, 40.0239,
82.9237

 9.8555, 6.0294,
19.9937


 69.4823, 55.7766,
108.6941

 5.3648, 2.8630,
12.2064


 91.3998, 75.1999,
139.3168

 2.4998, 1.0606,
6.7602

 117.5004, 98.6779,
175.2104

 0.8951, 0.0000,
3.2364

148.1497,
126.5952, 216.7932

 0.0000, 0.0000,
1.2166

183.7129,

 0.0000, 0.0000,

159.3362, 264.4839

0.0000

224.5553,
197.2851, 318.7011

■ 25.1755, 17.9921,
44.2654

■ 25.1755, 17.9921,
44.2654

■ 22.7937, 14.6797,
43.7519

■ 27.9679, 22.0589,
44.9035

■ 20.7947, 12.0681,
43.3531

■ 31.1927, 26.9240,
45.6726

■ 19.1497, 10.1005,
43.0601

■ 34.8720, 32.6308,
46.5802

■ 17.8247, 8.7097,
42.8614

■ 39.0262, 39.2188,
47.6329

■ 16.7705, 7.7978,
42.7410

■ 43.6739, 46.7249,
48.8367

■ 16.4971, 7.5763,
42.7126

■ 48.8331, 55.1840,
50.1976

■ 54.5205, 64.6289,
51.7208

■ 60.7523, 75.0911,
53.4118

■ 67.5438, 86.6005,
55.2754

Harmonies

Analogous

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



20.1786, 17.9921, 58.7870



25.1755, 17.9921, 44.2654



28.2120, 17.9921, 25.9614

Triad

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



25.1755, 17.9921, 44.2654



19.2009, 17.9921, 3.1887



9.5344, 17.9921, 29.1602

Complementary

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



25.1755, 17.9921, 44.2654



25.5490, 36.5713, 16.3028

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.



9.3738, 17.9921, 14.3574



25.1755, 17.9921, 44.2654



14.3533, 17.9921, 3.3967

Square

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



25.1755, 17.9921, 44.2654



24.3416, 17.9921, 5.5310



10.9688, 17.9921, 6.3736



11.4607, 17.9921, 47.5572

Rectangle

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



25.1755, 17.9921, 44.2654



28.3922, 17.9921, 16.1260



10.9688, 17.9921, 6.3736



9.2878, 17.9921, 23.5183

Sweetspot

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



25.1762, 17.9928, 44.2658



65.3670, 62.5254, 85.0046



19.2733, 18.8361, 44.7397



14.1381, 13.3106, 18.7463



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



25.1762, 17.9928, 44.2658



41.0210, 26.1976, 79.2758



28.8140, 20.0513, 36.1629



8.5989, 8.5172, 10.6971



11.8693, 5.4546, 30.5643



0.4287, 0.2001, 0.9643

Inverse Universe

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



25.6931, 18.8030, 19.7285



42.5021, 28.1050, 27.6669



23.3953, 35.3642, 20.5749



8.5970, 8.5455, 9.3761



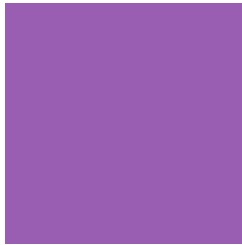
13.6209, 6.9659, 3.1636



0.4549, 0.2297, 0.2383

Previews

White Background



This preview shows how the XYZ color 25.1755, 17.9921, 44.2654 looks on a white background.

Color Contrast Check

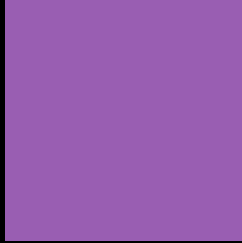
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.1755, 17.9921, 44.2654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

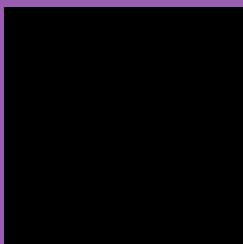
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.1755, 17.9921, 44.2654

Background



This preview shows how black text looks on a background with the XYZ color 25.1755, 17.9921, 44.2654.



This preview shows how white text looks on a background with the XYZ color 25.1755, 17.9921,

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

25.1755, 17.9921, 44.2654

Protanopia

19.8649, 18.1775, 55.2849

Deuteranopia

18.6174, 18.1583, 42.5681



Tritanopia

20.0750, 17.9388, 19.2341

Trichromacy



Original Color

25.1755, 17.9921, 44.2654

Protanomaly

20.8586, 17.4843, 50.9906

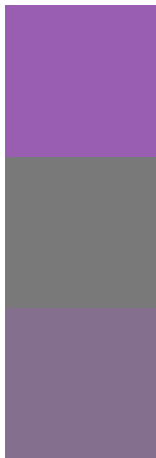
Deuteranomaly

20.2767, 17.6773, 42.9008

Tritanomaly

21.5431, 17.7676, 26.7201

Monochromacy



Original Color

25.1755, 17.9921, 44.2654

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

20.2398, 18.3084, 28.0583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.1755, 17.9921, 44.2654 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(153, 94, 178)` looks like.

```
.text, #text, p{  
    color:rgb(153, 94, 178)  
}
```

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(153, 94, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 178) }
```

Border

The CSS property to change the border of an element to XYZ 25.1755, 17.9921, 44.2654 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(153, 94, 178) }
```


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

```
.border{ border-color:rgb(153, 94, 178) }
```

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

Here you see how a box with a 4 pixel rgb(153, 94, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 178);  
box-shadow:4px 4px 4px 4px rgb(153, 94,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 25.1755, 17.9921, 44.2654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 178) }
```

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

```
.background{ background-color: rgb(153, 94,  
178) }
```

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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