

Converting Colors

XYZ(25.3547, 17.7131, 21.9548)

Have a look what the booklet for
XYZ(25.3547, 17.7131, 21.9548)
contains.

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Color

**XYZ(25.3056, 17.6699,
21.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	B1577E
RGB	177, 87, 126
RGB Percent	69%, 34%, 49%
CMY	0.3059, 0.6588, 0.5059
CMYK	0.00, 0.51, 0.29, 0.31
HSL	334°, 37%, 52%
HSV	334°, 51%, 69%
XYZ	25.3056, 17.6699, 21.8155
YIQ	118.3560, 41.1210, 31.2090

Conversions

Conversions Part 2

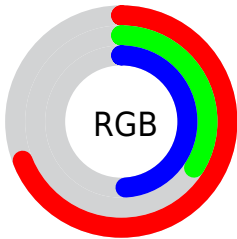
Format	Color
R_{YB}	177, 87, 126
Decimal	11622270
CIE Lab	49.09, 41.08, -4.80
CIE LCh	49, 41.364, 353.336
Yxy	17.6699, 0.3906, 0.2727
Android (android.graphics.Color)	4289812350 (0xFFB1577E)
YUV	118.3560, 3.7685, 51.4308
Hunter-Lab	42.0356, 33.8955, -1.3452

Details

The XYZ color **25.3056, 17.6699, 21.8155** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **24.2410, 35.3061, 29.5839**, and the grayscale version is **17.3116, 18.2132, 19.8341**.

A 20% lighter version of the original color is **51.7757, 39.6730, 47.5766**, and **9.9666, 5.8755, 7.6300** is the 20% darker color. If you saturate the color by 10%, you get **23.4291, 14.9013, 18.1552**, and if you desaturate by 10%, it is **27.5993, 21.1688, 25.9355**.

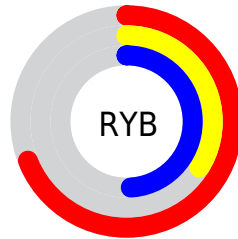
Distribution



Red (69%)

Green (34%)

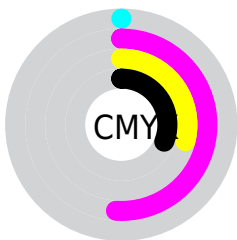
Blue (49%)



Red (69%)

Yellow (34%)

Blue (49%)

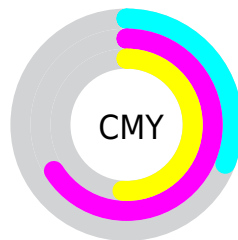


Cyan (0%)

Magenta (51%)

Yellow (29%)

Black (31%)



Cyan (31%)


Magenta (66%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.3056, 17.6699, 21.8155 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 25.3056, 17.6699, 21.8155 by changing the saturation by 10% instead.


 25.3056, 17.6699,
21.8155


 25.3056, 17.6699,
21.8155


271.6761,
239.0038, 274.5033


 16.4348, 10.7133,
13.5244

 51.5919, 39.4740,
47.3391


 9.9252, 5.8744,
7.6557


 69.7381, 55.0903,
65.4087


 5.4113, 2.7688,
3.7908

 91.7069, 74.3619,
87.5749

 2.5277, 1.0123,
1.5113

 117.8635, 97.6733,
114.2562

 0.9093, 0.0000,
0.2263

 148.5734,
125.4087, 145.8711

 0.0000, 0.0000,
0.0000

184.2019,

157.9527, 182.8383

225.1143,
195.6896, 225.5761

■ 25.3056, 17.6699,
21.8155

■ 25.3056, 17.6699,
21.8155

■ 23.4291, 14.9013,
18.1552

■ 27.5993, 21.1688,
25.9355

■ 21.9404, 12.8074,
14.9348

■ 30.3341, 25.4432,
30.5315

■ 20.8080, 11.3286,
12.1343

■ 33.5336, 30.5376,
35.6203

■ 19.9947, 10.3938,
9.7307

■ 37.2195, 36.4922,
41.2175

■ 19.4604, 9.8787,
7.8459

■ 41.4118, 43.3449,
47.3376

■ 46.1295, 51.1310,
53.9949

■ 51.3906, 59.8841,
61.2028

■ 57.2122, 69.6359,
68.9743

■ 63.6107, 80.4169,
77.3220

Harmonies

Analogous

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



23.4855, 17.6699, 34.9432



25.3056, 17.6699, 21.8155



24.5800, 17.6699, 11.9833

Triad

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



25.3056, 17.6699, 21.8155



14.0209, 17.6699, 5.5711



12.7382, 17.6699, 41.8459

Complementary

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



25.3056, 17.6699, 21.8155



24.2410, 35.3061, 29.5839

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.



10.8559, 17.6699, 28.9563



25.3056, 17.6699, 21.8155



11.5132, 17.6699, 9.1272

Square

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



25.3056, 17.6699, 21.8155



17.6716, 17.6699, 4.9012



10.4445, 17.6699, 16.8747



15.9473, 17.6699, 49.0480

Rectangle

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



25.3056, 17.6699, 21.8155



22.7975, 17.6699, 8.0217



10.4445, 17.6699, 16.8747



11.9506, 17.6699, 37.8427

Sweetspot

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



25.3061, 17.6708, 21.8158



63.6366, 60.4569, 69.2825



21.8261, 15.3951, 43.4164



13.4990, 12.6304, 14.5702



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



25.3061, 17.6708, 21.8158



41.6058, 26.1768, 31.7837



23.7669, 17.8649, 11.2136



8.6441, 8.5644, 9.6245



14.1290, 7.1691, 5.8391



0.4740, 0.2374, 0.3389

Inverse Universe

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



25.3061, 17.6708, 21.8158



41.6058, 26.1768, 31.7837



26.4299, 34.3269, 46.8280



8.6441, 8.5644, 9.6245



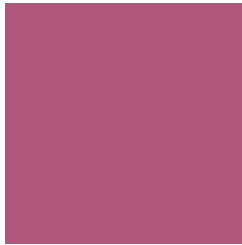
14.1290, 7.1691, 5.8391



0.4740, 0.2374, 0.3389

Previews

White Background



This preview shows how the XYZ color 25.3056, 17.6699, 21.8155 looks on a white background.

Color Contrast Check

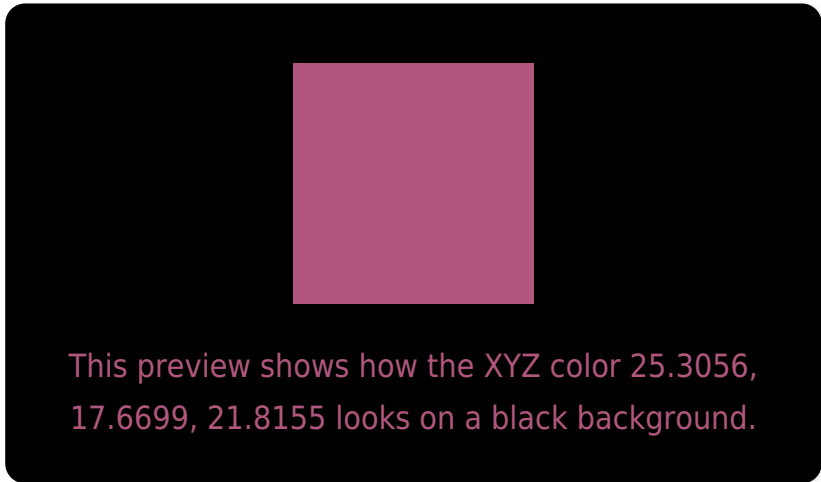
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

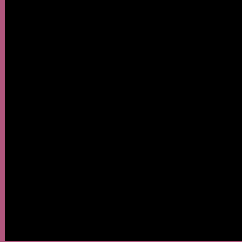
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3056, 17.6699, 21.8155

Background



This preview shows how black text looks on a background with the XYZ color 25.3056, 17.6699, 21.8155.



This preview shows how white text looks on a background with the XYZ color 25.3056, 17.6699,

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

25.3056, 17.6699, 21.8155

Protanopia

17.9118, 17.9146, 29.3019

Deuteranopia

18.2826, 17.9518, 20.9138



Tritanopia

23.7585, 17.6691, 13.9626

Trichromacy



Original Color

25.3056, 17.6699, 21.8155

Protanomaly

19.6307, 17.0890, 26.3086

Deuteranomaly

20.2025, 17.3504, 21.0231

Tritanomaly

24.3210, 17.6466, 16.5923

Monochromacy



Original Color

25.3056, 17.6699, 21.8155

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

19.3563, 17.3848, 20.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3056, 17.6699, 21.8155 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(177, 87, 126)` looks like.

```
.text, #text, p{  
    color:rgb(177, 87, 126)  
}
```

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(177, 87, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 87, 126) }
```

Border

The CSS property to change the border of an element to XYZ 25.3056, 17.6699, 21.8155 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(177, 87, 126) }
```


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

```
.border{ border-color:rgb(177, 87, 126) }
```

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

Here you see how a box with a 4 pixel rgb(177, 87, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 87, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 87, 126);  
box-shadow:4px 4px 4px 4px rgb(177, 87,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3056, 17.6699, 21.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 87, 126) }
```

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

```
.background{ background-color: rgb(177, 87,  
126) }
```

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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