

Converting Colors

XYZ(23.5728, 17.2094, 36.2624)

Have a look what the booklet for
XYZ(23.5728, 17.2094, 36.2624)
contains.

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Color

**XYZ(23.5728, 17.2096,
36.2618)**

Conversions

Conversions Part 1

Format	Color
Hex	995DA2
RGB	153, 93, 162
RGB Percent	60%, 36%, 64%
CMY	0.4000, 0.6353, 0.3647
CMYK	0.06, 0.43, 0.00, 0.36
HSL	292°, 27%, 50%
HSV	292°, 43%, 64%
XYZ	23.5728, 17.2096, 36.2618
YIQ	118.8060, 13.6110, 34.1790

Conversions

Conversions Part 2

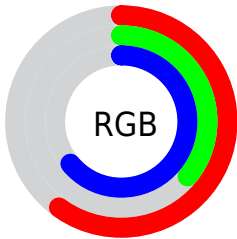
Format	Color
R_{YB}	153, 93, 162
Decimal	10050978
CIE _{Lab}	48.52, 36.03, -27.38
CIE _{LCh}	49, 45.253, 322.761
Yxy	17.2096, 0.3060, 0.2234
Android (android.graphics.Color)	4288241058 (0xFF995DA2)
YUV	118.8060, 21.2946, 29.9881
Hunter-Lab	41.4845, 28.8316, -22.7866

Details

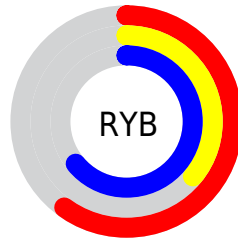
The XYZ color **23.5728, 17.2096, 36.2618** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.3761, 29.4562, 14.9683**, and the grayscale version is **17.4057, 18.3121, 19.9419**.

A 20% lighter version of the original color is **48.9443, 38.8159, 70.5582**, and **8.9707, 5.6365, 15.3670** is the 20% darker color. If you saturate the color by 10%, you get **21.9035, 14.4575, 35.8188**, and if you desaturate by 10%, it is **25.5515, 20.5692, 36.8062**.

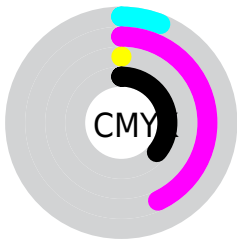
Distribution



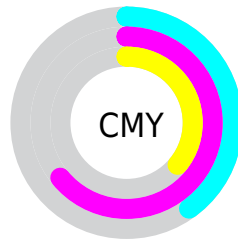
- Red (60%)
- Green (36%)
- Blue (64%)



- Red (60%)
- Yellow (36%)
- Blue (64%)



- Cyan (6%)
- Magenta (43%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5728, 17.2096, 36.2618 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 23.5728, 17.2096, 36.2618 by changing the saturation by 10% instead.

■ 23.5728, 17.2096,
36.2618

■ 23.5728, 17.2096,
36.2618

263.1343,
236.3774, 345.1753

■ 15.1400, 10.3840,
24.3452

■ 48.7919, 38.6858,
70.6095

■ 9.0047, 5.6543,
15.3753

■ 66.3090, 54.1052,
93.8777

■ 4.8014, 2.6361,
8.9337

■ 87.5849, 73.1581,
121.7669

■ 2.1648, 0.9448,
4.6017

■ 112.9850, 96.2287,
154.6954

■ 0.7241, 0.0000,
1.9609

142.8746,
123.7016, 193.0820

■ 0.0000, 0.0000,
0.5311

177.6192,

■ 0.0000, 0.0000,

155.9611, 237.3452

0.0000

217.5839,
193.3915, 287.9035

■ 23.5728, 17.2096,
36.2618

■ 23.5728, 17.2096,
36.2618

■ 21.9035, 14.4575,
35.8188

■ 25.5515, 20.5692,
36.8062

■ 20.5228, 12.2724,
35.4698

■ 27.8554, 24.5692,
37.4569

■ 19.4096, 10.6121,
35.2080

■ 30.5014, 29.2426,
38.2195

■ 18.5395, 9.4277,
35.0253

■ 33.5044, 34.6196,
39.0991

■ 17.8835, 8.6611,
34.9119

■ 36.8788, 40.7285,
40.1004

■ 17.4842, 8.2601,
34.8555

■ 40.6379, 47.5961,
41.2278

■ 44.7944, 55.2479,
42.4857

■ 49.3606, 63.7079,
43.8780

■ 54.3479, 72.9995,
45.4086

Harmonies

Analogous

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



19.6449, 17.2096, 48.7230



23.5728, 17.2096, 36.2618



25.6254, 17.2096, 21.7699

Triad

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



23.5728, 17.2096, 36.2618



17.3841, 17.2096, 3.9763



10.0439, 17.2096, 29.0507

Complementary

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



23.5728, 17.2096, 36.2618



20.3761, 29.4562, 14.9683

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.



9.6461, 17.2096, 16.0021



23.5728, 17.2096, 36.2618



13.4585, 17.2096, 4.5726

Square

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



23.5728, 17.2096, 36.2618



21.6803, 17.2096, 5.7926



10.7885, 17.2096, 8.0274



11.9856, 17.2096, 43.4751

Rectangle

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



23.5728, 17.2096, 36.2618



25.4456, 17.2096, 14.1276



10.7885, 17.2096, 8.0274



9.7403, 17.2096, 24.2568

Sweetspot

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



23.5734, 17.2103, 36.2622



55.0379, 52.4919, 69.2873



15.8075, 14.4786, 36.1442



12.1221, 11.3650, 15.4923



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.5734, 17.2103, 36.2622



39.9364, 26.5255, 65.0712



23.3090, 17.3083, 25.6671



7.2730, 7.1551, 8.9008



13.8000, 6.5206, 27.4610



0.3136, 0.1492, 0.5781

Inverse Universe

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



21.2134, 16.4701, 14.6320



35.2290, 25.0901, 20.0594



20.7230, 29.4834, 21.8325



7.1096, 7.1003, 7.5638



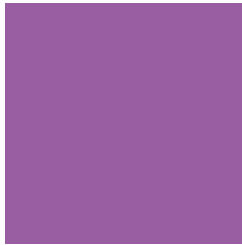
11.8560, 6.0985, 1.1664



0.2594, 0.1323, 0.0787

Previews

White Background



This preview shows how the XYZ color 23.5728, 17.2096, 36.2618 looks on a white background.

Color Contrast Check

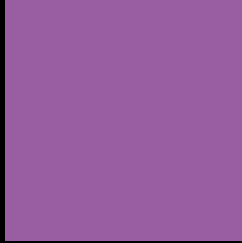
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5728, 17.2096, 36.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

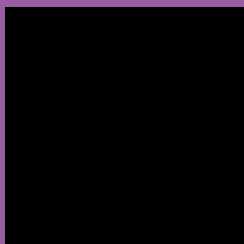
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 23.5728, 17.2096, 36.2618

Background



This preview shows how black text looks on a background with the XYZ color 23.5728, 17.2096, 36.2618.



This preview shows how white text looks on a background with the XYZ color 23.5728, 17.2096,

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

23.5728, 17.2096, 36.2618

Protanopia

18.4554, 17.3402, 45.0221

Deuteranopia

17.7824, 17.3868, 34.7665



Tritanopia

19.7290, 17.1815, 17.6058

Trichromacy



Original Color

23.5728, 17.2096, 36.2618

Protanomaly

19.6363, 16.9026, 41.7627

Deuteranomaly

19.2972, 16.8762, 35.0413

Tritanomaly

20.9809, 17.1156, 23.3169

Monochromacy



Original Color

23.5728, 17.2096, 36.2618

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.3092, 17.7264, 25.3255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5728, 17.2096, 36.2618 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, 93, 162)` looks like.

```
.text, #text, p{  
    color:rgb(153, 93, 162)  
}
```

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, 93, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 93, 162) }
```

Border

The CSS property to change the border of an element to XYZ 23.5728, 17.2096, 36.2618 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, 93, 162) }
```


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

```
.border{ border-color:rgb(153, 93, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 93, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 93, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 93, 162);  
box-shadow:4px 4px 4px 4px rgb(153, 93,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5728, 17.2096, 36.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 93, 162) }
```

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

```
.background{ background-color: rgb(153, 93,  
162) }
```

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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