

Converting Colors

XYZ(23.7869, 18.4365, 25.2931)

Have a look what the booklet for
XYZ(23.7869, 18.4365, 25.2931)
contains.

XYZ(23.7353, 18.3543, 25.2134)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.7353, 18.3543,
25.2134)**

Conversions

Conversions Part 1

Format	Color
Hex	A26387
RGB	162, 99, 135
RGB Percent	64%, 39%, 53%
CMY	0.3647, 0.6117, 0.4706
CMYK	0.00, 0.39, 0.17, 0.36
HSL	326°, 25%, 51%
HSV	326°, 39%, 64%
XYZ	23.7353, 18.3543, 25.2134
YIQ	121.9410, 25.9920, 24.5520

Conversions

Conversions Part 2

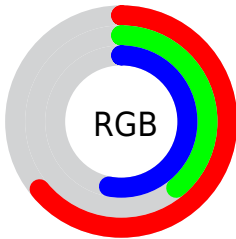
Format	Color
R _Y B	162, 99, 135
Decimal	10642311
CIE Lab	49.92, 30.71, -9.16
CIE LCh	50, 32.048, 343.401
Yxy	18.3543, 0.3527, 0.2727
Android (android.graphics.Color)	4288832391 (0xFFA26387)
YUV	121.9410, 6.4381, 35.1317
Hunter-Lab	42.8419, 23.9193, -4.9041

Details

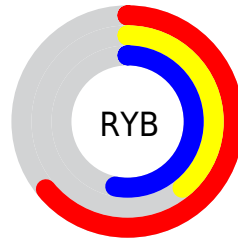
The XYZ color **23.7353, 18.3543, 25.2134** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8326, 30.0002, 24.3799**, and the grayscale version is **18.4536, 19.4146, 21.1425**.

A 20% lighter version of the original color is **49.0572, 40.6695, 52.8414**, and **9.0870, 6.1883, 9.3099** is the 20% darker color. If you saturate the color by 10%, you get **21.8787, 15.3980, 22.2608**, and if you desaturate by 10%, it is **25.9327, 21.9408, 28.4373**.

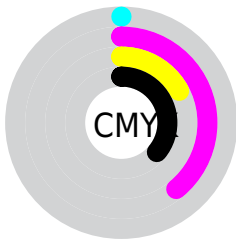
Distribution



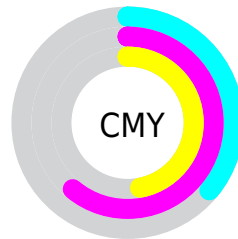
- Red (64%)
- Green (39%)
- Blue (53%)



- Red (64%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (39%)
- Yellow (17%)
- Black (36%)





- Cyan (36%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7353, 18.3543, 25.2134 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 23.7353, 18.3543, 25.2134 by changing the saturation by 10% instead.


 23.7353, 18.3543,
25.2134


 23.7353, 18.3543,
25.2134

263.9449,
242.8605, 292.3806

 15.2611, 11.2047,
16.0157


 49.0557, 40.6401,
52.9716


 9.0903, 6.2047,
9.3808


 66.6326, 56.5451,
72.3692

 4.8577, 2.9699,
4.8902

 87.9744, 76.1373,
96.0037

 2.1979, 1.1161,
2.1254

 113.4465, 99.8011,
124.2938

 0.7416, 0.0000,
0.6308

143.4143,
127.9210, 157.6580

 0.0000, 0.0000,
0.0000

178.2430,

160.8812, 196.5149

218.2981,
199.0663, 241.2829

■ 23.7353, 18.3543,
25.2134

■ 23.7353, 18.3543,
25.2134

■ 21.8787, 15.3980,
22.2608

■ 25.9327, 21.9408,
28.4373

■ 20.3423, 13.0321,
19.5691

■ 28.4869, 26.1891,
31.9401

■ 19.1054, 11.2161,
17.1286

■ 31.4147, 31.1318,
35.7305

■ 18.1441, 9.9035,
14.9280

■ 34.7314, 36.7986,
39.8164

■ 17.4308, 9.0398,
12.9550

■ 38.4515, 43.2172,
44.2051

■ 16.9109, 8.5170,
11.1879

■ 42.5884, 50.4143,
48.9039

■ 16.8571, 8.4641,
11.0012

■ 47.1553, 58.4149,
53.9196

■ 52.1645, 67.2431,
59.2589

■ 57.6280, 76.9217,
64.9282

Harmonies

Analogous

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



21.8233, 18.3543, 34.9551



23.7353, 18.3543, 25.2134



23.8402, 18.3543, 16.3173

Triad

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



23.7353, 18.3543, 25.2134



16.1126, 18.3543, 7.6383



13.4984, 18.3543, 33.9955

Complementary

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



23.7353, 18.3543, 25.2134



21.8326, 30.0002, 24.3799

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.



12.3102, 18.3543, 24.1642



23.7353, 18.3543, 25.2134



13.6957, 18.3543, 10.0467

Square

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



23.7353, 18.3543, 25.2134



19.1864, 18.3543, 7.7677



12.3779, 18.3543, 15.5340



15.8127, 18.3543, 40.9567

Rectangle

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



23.7353, 18.3543, 25.2134



22.8515, 18.3543, 12.0485



12.3779, 18.3543, 15.5340



12.9669, 18.3543, 30.8098

Sweetspot

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



23.7358, 18.3552, 25.2138



55.1776, 53.3751, 62.5075



19.4782, 15.9121, 36.2274



12.2448, 11.7379, 13.8485



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.



23.7358, 18.3552, 25.2138



40.0269, 28.4371, 40.9229



21.8742, 17.6105, 15.4106



7.2354, 7.1506, 8.2259



13.3022, 6.6770, 8.7822



0.3025, 0.1495, 0.3058

Inverse Universe

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



23.7358, 18.3552, 25.2138



40.0269, 28.4371, 40.9229



24.1310, 30.9196, 36.4831



7.2354, 7.1506, 8.2259



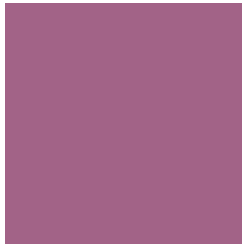
13.3022, 6.6770, 8.7822



0.3025, 0.1495, 0.3058

Previews

White Background



This preview shows how the XYZ color 23.7353, 18.3543, 25.2134 looks on a white background.

Color Contrast Check

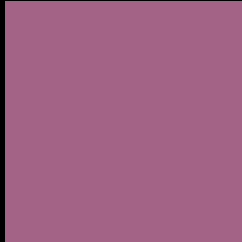
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7353, 18.3543, 25.2134 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 23.7353, 18.3543, 25.2134

Background



This preview shows how black text looks on a background with the XYZ color 23.7353, 18.3543, 25.2134.



This preview shows how white text looks on a background with the XYZ color 23.7353, 18.3543,

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

23.7353, 18.3543, 25.2134

Protanopia

18.5058, 18.5397, 30.6201

Deuteranopia

18.8677, 18.5167, 24.4094



Tritanopia

22.0176, 18.2191, 17.3951

Trichromacy



Original Color

23.7353, 18.3543, 25.2134

Protanomaly

19.8483, 18.0979, 28.4337

Deuteranomaly

20.2908, 18.2486, 24.6432

Tritanomaly

22.6387, 18.3324, 20.1146

Monochromacy



Original Color

23.7353, 18.3543, 25.2134

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.1646, 18.8853, 22.6611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7353, 18.3543, 25.2134 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(162, 99, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 99, 135)  
}
```

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(162, 99, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 99, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.7353, 18.3543, 25.2134 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(162, 99, 135) }
```


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

```
.border{ border-color:rgb(162, 99, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 99, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 99, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 99, 135); box-shadow:4px 4px 4px 4px rgb(162, 99, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7353, 18.3543, 25.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 99, 135) }
```

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

```
.background{ background-color: rgb(162, 99,  
135) }
```

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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