

Converting Colors

XYZ(23.5653, 14.7305, 25.1679)

Have a look what the booklet for
XYZ(23.5653, 14.7305, 25.1679)
contains.

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Color

**XYZ(23.5957, 14.7110,
25.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	AC4489
RGB	172, 68, 137
RGB Percent	67%, 27%, 54%
CMY	0.3255, 0.7333, 0.4627
CMYK	0.00, 0.60, 0.20, 0.33
HSL	320°, 43%, 47%
HSV	320°, 60%, 67%
XYZ	23.5957, 14.7110, 25.2628
YIQ	106.9620, 39.8350, 43.5070

Conversions

Conversions Part 2

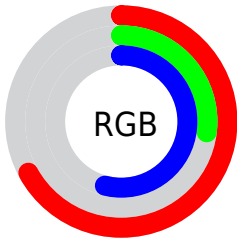
Format	Color
R_{YB}	172, 68, 137
Decimal	11289737
CIE Lab	45.24, 50.30, -17.32
CIE LCh	45, 53.195, 341.002
Yxy	14.7110, 0.3712, 0.2314
Android (android.graphics.Color)	4289479817 (0xFFAC4489)
YUV	106.9620, 14.8087, 57.0383
Hunter-Lab	38.3549, 42.6909, -12.2034

Details

The XYZ color **23.5957, 14.7110, 25.2628** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **19.5853, 31.7137, 17.9224**, and the grayscale version is **13.9177, 14.6425, 15.9457**.

A 20% lighter version of the original color is **48.8869, 34.4598, 52.7900**, and **8.9553, 4.4662, 9.4069** is the 20% darker color. If you saturate the color by 10%, you get **22.2998, 12.7658, 22.8368**, and if you desaturate by 10%, it is **25.2200, 17.2768, 27.9085**.

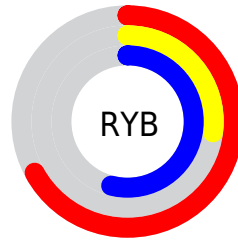
Distribution



Red (67%)

Green (27%)

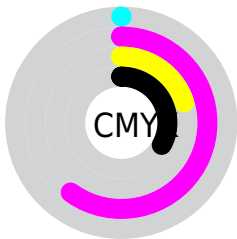
Blue (54%)



Red (67%)

Yellow (27%)

Blue (54%)

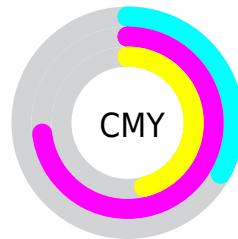


Cyan (0%)

Magenta (60%)

Yellow (20%)

Black (33%)



Cyan (33%)

Magenta (73%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5957, 14.7110, 25.2628 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 23.5957, 14.7110, 25.2628 by changing the saturation by 10% instead.

■ 23.5957, 14.7110,
25.2628

■ 23.5957, 14.7110,
25.2628

263.2486,
221.6103, 292.6336

■ 15.1571, 8.6168,
16.0522

■ 48.8291, 34.3454,
53.0526

■ 9.0167, 4.4921,
9.4063

■ 66.3547, 48.6544,
72.4689

■ 4.8093, 1.9525,
4.9067

■ 87.6399, 66.4704,
96.1242

■ 2.1694, 0.5796,
2.1349

■ 113.0501, 88.1779,
124.4369

■ 0.7265, 0.0000,
0.6364

■ 142.9508,
114.1612, 157.8257

■ 0.0000, 0.0000,
0.0000

177.7072,

144.8048, 196.7090

217.6847,
180.4930, 241.5055

■ 23.5957, 14.7110,
25.2628

■ 23.5957, 14.7110,
25.2628

■ 22.2998, 12.7658,
22.8368

■ 25.2200, 17.2768,
27.9085

■ 21.3029, 11.3838,
20.6185

■ 27.1958, 20.5098,
30.7828

■ 20.5727, 10.5006,
18.5957

■ 29.5458, 24.4542,
33.8951

■ 20.0570, 9.9882,
16.8242

■ 32.2901, 29.1502,
37.2537

■ 35.4476, 34.6348,
40.8664

■ 39.0358, 40.9425,
44.7406

■ 43.0712, 48.1058,
48.8833

■ 47.5694, 56.1554,
53.3012

■ 52.5451, 65.1206,
58.0006

Harmonies

Analogous

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



20.2945, 14.7110, 42.1180



23.5957, 14.7110, 25.2628



24.0308, 14.7110, 11.8273

Triad

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



23.5957, 14.7110, 25.2628



12.4303, 14.7110, 2.0680



8.5235, 14.7110, 37.7318

Complementary

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



23.5957, 14.7110, 25.2628



19.5853, 31.7137, 17.9224

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.



7.2173, 14.7110, 21.0968



23.5957, 14.7110, 25.2628



9.1370, 14.7110, 3.8130

Square

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



23.5957, 14.7110, 25.2628



16.9189, 14.7110, 2.2994



7.4154, 14.7110, 9.3582



11.4069, 14.7110, 51.5479

Rectangle

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



23.5957, 14.7110, 25.2628



22.5524, 14.7110, 6.5036



7.4154, 14.7110, 9.3582



7.9158, 14.7110, 32.0044

Sweetspot

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



23.5962, 14.7117, 25.2631



59.7403, 54.8890, 68.9465



15.0696, 9.9776, 40.1615



12.6509, 11.3554, 14.5931



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.5962, 14.7117, 25.2631



39.6981, 22.0796, 39.8379



20.7339, 13.5668, 10.1907



8.2208, 8.1016, 9.4733



14.9520, 7.4433, 12.6585



0.4401, 0.2167, 0.4791

Inverse Universe

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



23.5962, 14.7117, 25.2631



39.6981, 22.0796, 39.8379



23.0254, 33.0897, 36.0377



8.2208, 8.1016, 9.4733



14.9520, 7.4433, 12.6585



0.4401, 0.2167, 0.4791

Previews

White Background



This preview shows how the XYZ color 23.5957, 14.7110, 25.2628 looks on a white background.

Color Contrast Check

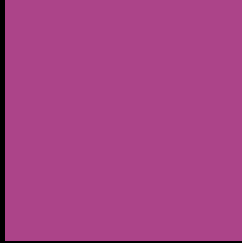
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5957, 14.7110, 25.2628 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 23.5957, 14.7110, 25.2628

Background



This preview shows how black text looks on a background with the XYZ color 23.5957, 14.7110, 25.2628.



This preview shows how white text looks on a background with the XYZ color 23.5957, 14.7110,

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

23.5957, 14.7110, 25.2628

Protanopia

15.8747, 15.0397, 38.1427

Deuteranopia

15.0922, 14.8060, 23.5351



Tritanopia

20.4847, 14.6247, 10.5473

Trichromacy



Original Color

23.5957, 14.7110, 25.2628

Protanomaly

17.0797, 13.8028, 32.7743

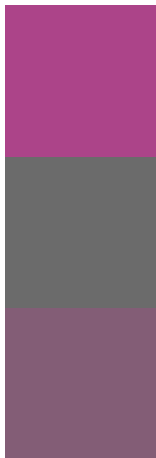
Deuteranomaly

17.2667, 14.0936, 24.0006

Tritanomaly

21.4964, 14.6238, 15.0543

Monochromacy



Original Color

23.5957, 14.7110, 25.2628

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

16.5444, 13.9620, 18.9625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5957, 14.7110, 25.2628 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(172, 68, 137)` looks like.

```
.text, #text, p{  
    color:rgb(172, 68, 137)  
}
```

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(172, 68, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 68, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.5957, 14.7110, 25.2628 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(172, 68, 137) }
```


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

```
.border{ border-color:rgb(172, 68, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 68, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 68, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 68, 137);  
box-shadow:4px 4px 4px 4px rgb(172, 68,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5957, 14.7110, 25.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 68, 137) }
```

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

```
.background{ background-color: rgb(172, 68,  
137) }
```

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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