

Converting Colors

XYZ(24.4521, 21.5772, 37.7475)

Have a look what the booklet for
XYZ(24.4521, 21.5772, 37.7475)
contains.

XYZ(24.3630, 21.5888, 37.5333)	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(24.3630, 21.5888,
37.5333)**

Conversions

Conversions Part 1

Format	Color
Hex	8E77A3
RGB	142, 119, 163
RGB Percent	56%, 47%, 64%
CMY	0.4431, 0.5333, 0.3608
CMYK	0.13, 0.27, 0.00, 0.36
HSL	271°, 19%, 55%
HSV	271°, 27%, 64%
XYZ	24.3630, 21.5888, 37.5333
YIQ	130.8930, -0.4160, 18.5600

Conversions

Conversions Part 2

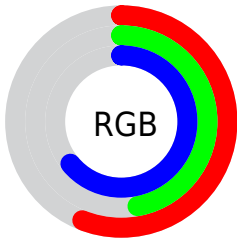
Format	Color
R_{YB}	142, 119, 163
Decimal	9336739
CIE _{Lab}	53.59, 17.67, -20.25
CIE _{LCh}	54, 26.876, 311.098
Yxy	21.5888, 0.2918, 0.2586
Android (android.graphics.Color)	4287526819 (0xFF8E77A3)
YUV	130.8930, 15.8288, 9.7408
Hunter-Lab	46.4637, 12.2839, -15.3697

Details

The XYZ color **24.3630, 21.5888, 37.5333** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.2429, 33.1023, 22.4073**, and the grayscale version is **21.4813, 22.6000, 24.6114**.

A 20% lighter version of the original color is **49.9827, 45.9235, 72.5594**, and **9.3738, 7.7522, 16.0412** is the 20% darker color. If you saturate the color by 10%, you get **21.2986, 17.3725, 36.8813**, and if you desaturate by 10%, it is **27.8547, 26.5204, 38.3015**.

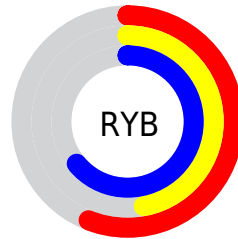
Distribution



Red (56%)

Green (47%)

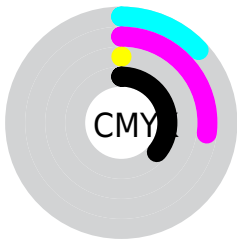
Blue (64%)



Red (56%)

Yellow (47%)

Blue (64%)

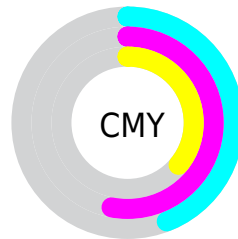


Cyan (13%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3630, 21.5888, 37.5333 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 24.3630, 21.5888, 37.5333 by changing the saturation by 10% instead.

■ 24.3630, 21.5888,
37.5333

■ 24.3630, 21.5888,
37.5333

267.0571,
260.3913, 350.8517

■ 15.7293, 13.5551,
25.3217

■ 50.0723, 46.0654,
72.5877

■ 9.4224, 7.8119,
16.0957

■ 67.8786, 63.2771,
96.2676

■ 5.0770, 3.9748,
9.4368

■ 89.4732, 84.3169,
124.6072

■ 2.3278, 1.6595,
4.9265

115.2213,
109.5692, 158.0252

■ 0.8088, 0.3972,
2.1462

145.4884,
139.4184, 196.9401

■ 0.0000, 0.0000,
0.6431

180.6399,

■ 0.0000, 0.0000,

174.2489, 241.7705

0.0000

221.0410,
214.4450, 292.9348

■ 24.3630, 21.5888,
37.5333

■ 24.3630, 21.5888,
37.5333

■ 21.2986, 17.3725,
36.8813

■ 27.8547, 26.5204,
38.3015

■ 18.6405, 13.8338,
36.3384

■ 31.7892, 32.1970,
39.1898

■ 16.3690, 10.9357,
35.8987

■ 36.1838, 38.6499,
40.2037

■ 14.4617, 8.6363,
35.5554

■ 41.0540, 45.9080,
41.3480

■ 12.8935, 6.8886,
35.3007

■ 46.4147, 53.9983,
42.6271

■ 11.6357, 5.6384,
35.1257

■ 52.2802, 62.9469,
44.0452

■ 10.6455, 4.8033,
35.0167

■ 58.6640, 72.7785,
45.6064

■ 10.3757, 4.5852,
34.9888

■ 65.5792, 83.5169,
47.3146

■ 69.5279, 88.1643,
48.0036

Harmonies

Analogous

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



21.5996, 21.5888, 42.6649



24.3630, 21.5888, 37.5333



26.1926, 21.5888, 29.0043

Triad

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



24.3630, 21.5888, 37.5333



22.3587, 21.5888, 11.5052



15.5689, 21.5888, 26.6801

Complementary

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



24.3630, 21.5888, 37.5333



27.2429, 33.1023, 22.4073

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.



15.7311, 21.5888, 18.7515



24.3630, 21.5888, 37.5333



19.4760, 21.5888, 11.1630

Square

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



24.3630, 21.5888, 37.5333



24.9631, 21.5888, 14.5766



17.1031, 21.5888, 13.4988



16.6373, 21.5888, 35.4945

Rectangle

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



24.3630, 21.5888, 37.5333



26.5430, 21.5888, 23.2052



17.1031, 21.5888, 13.4988



15.4841, 21.5888, 23.8105

Sweetspot

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



24.3637, 21.5897, 37.5338



56.0753, 56.4163, 69.9901



23.6365, 25.4013, 38.3078



12.3558, 12.3248, 15.6652



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.



24.3637, 21.5897, 37.5338



40.4665, 34.2811, 66.5402



28.2470, 23.5992, 37.3735



7.0372, 7.0335, 8.8898



8.1165, 3.5907, 27.1951



0.2248, 0.1034, 0.5740

Inverse Universe

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



26.4354, 22.8746, 27.8339



44.8730, 37.0124, 45.9819



24.0797, 31.4665, 22.4901



7.2080, 7.1396, 8.0815



12.8246, 6.4859, 6.2672



0.2933, 0.1458, 0.2573

Previews

White Background



This preview shows how the XYZ color 24.3630, 21.5888, 37.5333 looks on a white 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

Black Background



This preview shows how the XYZ color 24.3630, 21.5888, 37.5333 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 24.3630, 21.5888, 37.5333

Background



This preview shows how black text looks on a background with the XYZ color 24.3630, 21.5888, 37.5333.



This preview shows how white text looks on a background with the XYZ color 24.3630, 21.5888,

37.5333.

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

24.3630, 21.5888, 37.5333

Protanopia

22.0869, 21.8252, 40.5847

Deuteranopia

22.1508, 21.7413, 37.2114



Tritanopia

21.8273, 21.4549, 25.5450

Trichromacy



Original Color

24.3630, 21.5888, 37.5333

Protanomaly

22.7869, 21.6409, 39.5353

Deuteranomaly

22.8105, 21.5204, 37.1340

Tritanomaly

22.7178, 21.4524, 29.7314

Monochromacy



Original Color

24.3630, 21.5888, 37.5333

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.5390, 22.3128, 29.1055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3630, 21.5888, 37.5333 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(142, 119, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 119, 163)  
}
```

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(142, 119, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 119, 163) }
```

Border

The CSS property to change the border of an element to XYZ 24.3630, 21.5888, 37.5333 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(142, 119, 163) }
```


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

```
.border{ border-color:rgb(142, 119, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 119, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 119, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 119, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 119,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3630, 21.5888, 37.5333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 119, 163) }
```

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

```
.background{ background-color: rgb(142,  
119, 163) }
```

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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