

Converting Colors

XYZ(23.5465, 25.9666, 37.9534)

Have a look what the booklet for
XYZ(23.5465, 25.9666, 37.9534)
contains.

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Color

**XYZ(23.5465, 25.9666,
37.9534)**

Conversions

Conversions Part 1

Format	Color
Hex	748FA2
RGB	116, 143, 162
RGB Percent	45%, 56%, 64%
CMY	0.5451, 0.4392, 0.3647
CMYK	0.28, 0.12, 0.00, 0.36
HSL	205°, 20%, 55%
HSV	205°, 28%, 64%
XYZ	23.5465, 25.9666, 37.9534
YIQ	137.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

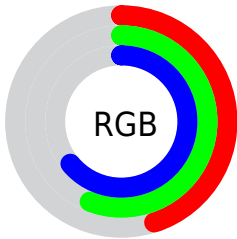
Format	Color
R_{YB}	116, 133, 162
Decimal	7638946
CIE _{Lab}	58.01, -4.96, -13.16
CIE _{LCh}	58, 14.063, 249.338
Yxy	25.9666, 0.2692, 0.2969
Android (android.graphics.Color)	4285829026 (0xFF748FA2)
YUV	137.0930, 12.2792, -18.4986
Hunter-Lab	50.9574, -6.6939, -8.4893

Details

The XYZ color **23.5465, 25.9666, 37.9534** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.7169, 26.2703, 20.1861**, and the grayscale version is **23.7747, 25.0128, 27.2390**.

A 20% lighter version of the original color is **48.8528, 53.3773, 73.3737**, and **8.9756, 10.1127, 16.2307** is the 20% darker color. If you saturate the color by 10%, you get **20.6035, 23.0031, 37.5369**, and if you desaturate by 10%, it is **26.9266, 29.2456, 38.4086**.

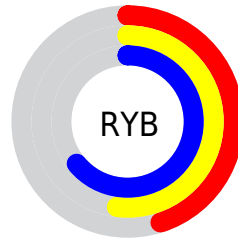
Distribution



Red (45%)

Green (56%)

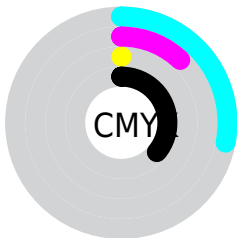
Blue (64%)



Red (45%)

Yellow (52%)

Blue (64%)

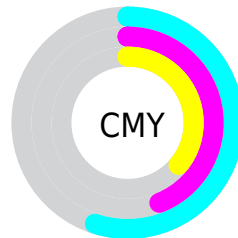


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (44%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5465, 25.9666, 37.9534 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 23.5465, 25.9666, 37.9534 by changing the saturation by 10% instead.

■ 23.5465, 25.9666,
37.9534

■ 23.5465, 25.9666,
37.9534

263.0029,
282.6181, 352.7122

■ 15.1205, 16.7987,
25.6450

■ 48.7492, 53.2211,
73.2393

■ 8.9908, 10.0910,
16.3349

■ 66.2566, 72.0764,
97.0539

■ 4.7923, 5.4594,
9.6045

■ 87.5218, 94.9296,
125.5410

■ 2.1594, 2.5192,
5.0354

112.9102,
122.1651, 159.1191

■ 0.7212, 0.8862,
2.2089

142.7872,
154.1673, 198.2067

■ 0.0000, 0.0000,
0.6795

177.5181,

■ 0.0000, 0.0000,

191.3206, 243.2224

0.0000

217.4682,
234.0094, 294.5847

■ 23.5465, 25.9666,
37.9534

■ 23.5465, 25.9666,
37.9534

■ 20.6035, 23.0031,
37.5369

■ 26.9266, 29.2456,
38.4086

■ 18.0747, 20.3399,
37.1562

■ 30.7604, 32.8483,
38.9019

■ 15.9384, 17.9650,
36.8104

■ 35.0666, 36.7865,
39.4351

■ 14.1702, 15.8639,
36.4980

■ 39.8623, 41.0703,
40.0092

■ 12.7423, 14.0209,
36.2175

■ 45.1633, 45.7094,
40.6252

■ 11.6226, 12.4175,
35.9671

■ 50.9849, 50.7129,
41.2842

■ 10.7524, 11.0219,
35.7435

■ 57.3418, 56.0898,
41.9870

■ 10.6223, 10.8100,
35.7095

■ 64.2479, 61.8486,
42.7346

■ 69.1695, 66.6843,
43.4086

Harmonies

Analogous

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



22.2410, 25.9666, 34.6228



23.5465, 25.9666, 37.9534



25.2139, 25.9666, 38.5374

Triad

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



23.5465, 25.9666, 37.9534



28.0436, 25.9666, 26.7833



22.6686, 25.9666, 21.6417

Complementary

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



23.5465, 25.9666, 37.9534



26.7169, 26.2703, 20.1861

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.



24.1546, 25.9666, 20.0155



23.5465, 25.9666, 37.9534



27.2921, 25.9666, 22.7517

Square

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



23.5465, 25.9666, 37.9534



27.8624, 25.9666, 31.7018



25.8503, 25.9666, 20.3971



21.7505, 25.9666, 25.1012

Rectangle

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



23.5465, 25.9666, 37.9534



26.3146, 25.9666, 37.2308



25.8503, 25.9666, 20.3971



23.1154, 25.9666, 20.8817

Sweetspot

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



23.5473, 25.9676, 37.9540



55.2717, 59.1036, 70.5511



24.4543, 31.2866, 27.4514



12.1861, 13.0625, 15.8166



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.



23.5473, 25.9676, 37.9540



39.3160, 43.7114, 68.4211



20.5135, 19.9000, 36.9427



7.0297, 7.5183, 8.9838



8.4116, 8.6026, 28.1469



0.2217, 0.2707, 0.6064

Inverse Universe

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



26.1042, 22.1560, 28.8885



44.8195, 35.9850, 48.8014



30.1779, 33.1923, 21.3398



7.2400, 7.1524, 8.2500



13.3913, 6.7126, 9.2509



0.3041, 0.1501, 0.3139

Previews

White Background



This preview shows how the XYZ color 23.5465, 25.9666, 37.9534 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 23.5465, 25.9666, 37.9534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

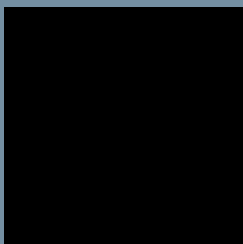
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

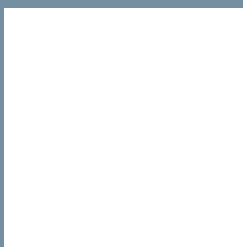
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5465, 25.9666, 37.9534

Background



This preview shows how black text looks on a background with the XYZ color 23.5465, 25.9666, 37.9534.



This preview shows how white text looks on a background with the XYZ color 23.5465, 25.9666,

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

23.5465, 25.9666, 37.9534

Protanopia

25.4998, 25.9144, 36.4589

Deuteranopia

26.4895, 25.9514, 38.7349



Tritanopia

23.0442, 25.9917, 35.2548

Trichromacy



Original Color

23.5465, 25.9666, 37.9534

Protanomaly

24.7765, 25.9614, 36.9629

Deuteranomaly

25.3592, 26.0151, 38.3352

Tritanomaly

23.2150, 26.0600, 36.1543

Monochromacy



Original Color

23.5465, 25.9666, 37.9534

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4742, 25.2077, 30.8225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5465, 25.9666, 37.9534 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(116, 143, 162)` looks like.

```
.text, #text, p{  
    color:rgb(116, 143, 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(116, 143, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 143, 162) }
```

Border

The CSS property to change the border of an element to XYZ 23.5465, 25.9666, 37.9534 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(116, 143, 162) }
```


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

```
.border{ border-color:rgb(116, 143, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 143, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 143, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 143, 162); box-shadow:4px 4px 4px 4px rgb(116, 143, 162) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5465, 25.9666, 37.9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 143, 162) }
```

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

```
.background{ background-color: rgb(116,  
143, 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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