

Converting Colors

XYZ(11.9372, 11.6225, 23.0869)

Have a look what the booklet for
XYZ(11.9372, 11.6225, 23.0869)
contains.

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Color

**XYZ(11.9372, 11.6225,
23.0869)**

Conversions

Conversions Part 1

Format	Color
Hex	565E83
RGB	86, 94, 131
RGB Percent	34%, 37%, 51%
CMY	0.6627, 0.6314, 0.4863
CMYK	0.34, 0.28, 0.00, 0.49
HSL	229°, 21%, 43%
HSV	229°, 34%, 51%
XYZ	11.9372, 11.6225, 23.0869
YIQ	95.8260, -16.6450, 9.8110

Conversions

Conversions Part 2

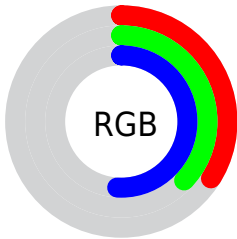
Format	Color
R_{YB}	86, 93, 131
Decimal	5660291
CIE Lab	40.61, 6.39, -21.66
CIE LCh	41, 22.580, 286.431
Yxy	11.6225, 0.2559, 0.2492
Android (android.graphics.Color)	4283850371 (0xFF565E83)
YUV	95.8260, 17.3408, -8.6174
Hunter-Lab	34.0918, 2.8409, -16.2868

Details

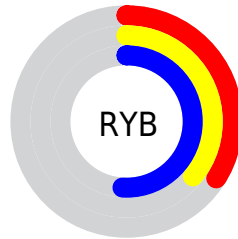
The XYZ color **11.9372, 11.6225, 23.0869** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **18.1231, 19.6635, 11.6449**, and the grayscale version is **11.0386, 11.6135, 12.6471**.

A 20% lighter version of the original color is **28.9415, 28.7256, 49.3666**, and **3.3415, 3.1201, 8.2107** is the 20% darker color. If you saturate the color by 10%, you get **9.9479, 9.2732, 22.7385**, and if you desaturate by 10%, it is **14.2820, 14.3541, 23.4908**.

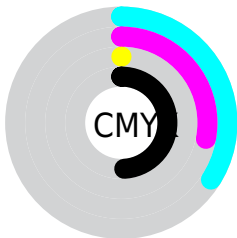
Distribution



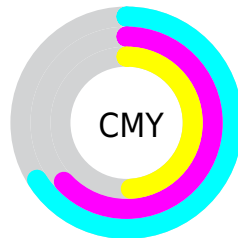
- Red (34%)
- Green (37%)
- Blue (51%)



- Red (34%)
- Yellow (36%)
- Blue (51%)



- Cyan (34%)
- Magenta (28%)
- Yellow (0%)
- Black (49%)



- Cyan (66%)
- Magenta (63%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9372, 11.6225, 23.0869 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 11.9372, 11.6225, 23.0869 by changing the saturation by 10% instead.

■ 11.9372, 11.6225,
23.0869

■ 11.9372, 11.6225,
23.0869

197.7675,
201.8899, 281.3074

■ 6.7728, 6.4872,
14.4518

■ 28.9985, 28.8057,
49.4610

■ 3.3655, 3.1435,
8.2932

■ 41.6262, 41.6223,
68.0370

■ 1.3499, 1.2071,
4.1927

■ 57.4723, 57.7682,
90.7638

■ 0.2201, 0.0675,
1.7316

■ 76.9023, 77.6277,
118.0598

■ 0.0000, 0.0000,
0.3823

■ 100.2814,
101.5852, 150.3437

■ 0.0000, 0.0000,
0.0000

127.9751,

130.0252, 188.0338

160.3487,
163.3319, 231.5489

■ 11.9372, 11.6225,
23.0869

■ 11.9372, 11.6225,
23.0869

■ 9.9479, 9.2732,
22.7385

■ 14.2820, 14.3541,
23.4908

■ 8.2955, 7.2875,
22.4423

■ 16.9976, 17.4827,
23.9515

■ 6.9611, 5.6474,
22.1961

■ 20.0997, 21.0240,
24.4716

■ 5.9236, 4.3324,
21.9969

■ 23.6028, 24.9924,
25.0529

■ 5.1593, 3.3201,
21.8418

■ 27.5204, 29.4016,
25.6975

■ 4.6380, 2.5836,
21.7271

■ 31.8658, 34.2645,
26.4071

■ 4.4089, 2.2630,
21.6773

■ 36.6514, 39.5939,
27.1835

■ 41.8891, 45.4016,
28.0285

■ 47.5905, 51.6993,
28.9436

Harmonies

Analogous

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



10.3428, 11.6225, 23.2568



11.9372, 11.6225, 23.0869



13.4212, 11.6225, 19.7250

Triad

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



11.9372, 11.6225, 23.0869



13.2982, 11.6225, 7.2983



8.3258, 11.6225, 10.7041

Complementary

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



11.9372, 11.6225, 23.0869



18.1231, 19.6635, 11.6449

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.



8.9705, 11.6225, 7.5153



11.9372, 11.6225, 23.0869



11.7821, 11.6225, 5.8932

Square

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



11.9372, 11.6225, 23.0869



14.2572, 11.6225, 10.3296



10.2019, 11.6225, 5.9617



8.3587, 11.6225, 15.3054

Rectangle

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



11.9372, 11.6225, 23.0869



14.1029, 11.6225, 16.5018



10.2019, 11.6225, 5.9617



8.4676, 11.6225, 9.4578

Sweetspot

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



11.9376, 11.6229, 23.0872



32.6416, 33.8286, 43.2623



15.5139, 19.6351, 21.6295



7.4469, 7.7014, 10.0467



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



11.9376, 11.6229, 23.0872



18.6145, 17.5568, 40.8609



12.7082, 11.0184, 22.9299



4.4965, 4.6687, 5.8649



4.3414, 2.2306, 21.3384



0.0189, 0.0154, 0.0752

Inverse Universe

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



14.7086, 12.2895, 12.1869



24.3913, 19.1079, 18.1004



17.0989, 20.6693, 11.8930



4.7039, 4.7012, 5.0530



9.3694, 4.8121, 1.2519



0.0344, 0.0174, 0.0146

Previews

White Background



This preview shows how the XYZ color 11.9372, 11.6225, 23.0869 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 11.9372, 11.6225, 23.0869 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 11.9372, 11.6225, 23.0869

Background



This preview shows how black text looks on a background with the XYZ color 11.9372, 11.6225, 23.0869.



This preview shows how white text looks on a background with the XYZ color 11.9372, 11.6225,

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

11.9372, 11.6225, 23.0869

Protanopia

11.8457, 11.5754, 23.0827

Deuteranopia

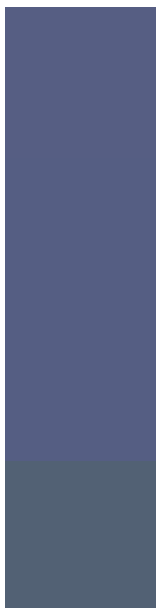
11.8457, 11.5754, 23.0827



Tritanopia

10.4239, 11.6907, 15.6170

Trichromacy



Original Color

11.9372, 11.6225, 23.0869

Protanomaly

11.8457, 11.5754, 23.0827

Deuteranomaly

11.8457, 11.5754, 23.0827

Tritanomaly

10.9068, 11.6042, 18.1880

Monochromacy



Original Color

11.9372, 11.6225, 23.0869

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.2662, 11.5639, 16.1063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9372, 11.6225, 23.0869 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(86, 94, 131) looks like.

```
.text, #text, p{  
    color:rgb(86, 94, 131)  
}
```

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(86, 94, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 94, 131) }
```

Border

The CSS property to change the border of an element to XYZ 11.9372, 11.6225, 23.0869 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(86, 94, 131) }
```


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

```
.border{ border-color:rgb(86, 94, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 94, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 94, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 94, 131);  
box-shadow:4px 4px 4px 4px rgb(86, 94,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9372, 11.6225, 23.0869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 94, 131) }
```

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

```
.background{ background-color: rgb(86, 94,  
131) }
```

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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