

Converting Colors

XYZ(23.0296, 20.6461, 41.1449)

Have a look what the booklet for
XYZ(23.0296, 20.6461, 41.1449)
contains.

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Color

**XYZ(23.0350, 20.6430,
41.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	8276AB
RGB	130, 118, 171
RGB Percent	51%, 46%, 67%
CMY	0.4902, 0.5372, 0.3294
CMYK	0.24, 0.31, 0.00, 0.33
HSL	254°, 24%, 57%
HSV	254°, 31%, 67%
XYZ	23.0350, 20.6430, 41.2985
YIQ	127.6300, -9.8610, 19.0270

Conversions

Conversions Part 2

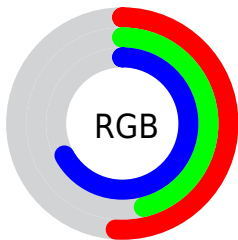
Format	Color
R_{YB}	130, 118, 171
Decimal	8550059
CIE _{Lab}	52.56, 16.23, -26.57
CIE _{LCh}	53, 31.138, 301.421
Yxy	20.6430, 0.2711, 0.2429
Android (android.graphics.Color)	4286740139 (0xFF8276AB)
YUV	127.6300, 21.3814, 2.0785
Hunter-Lab	45.4346, 10.9877, -22.0884

Details

The XYZ color **23.0350, 20.6430, 41.2985** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **32.1317, 37.8053, 22.7441**, and the grayscale version is **20.3213, 21.3796, 23.2823**.

A 20% lighter version of the original color is **48.0070, 44.4858, 78.7294**, and **8.7444, 7.3745, 18.4153** is the 20% darker color. If you saturate the color by 10%, you get **19.3007, 15.9950, 40.5985**, and if you desaturate by 10%, it is **27.3967, 26.1572, 42.1333**.

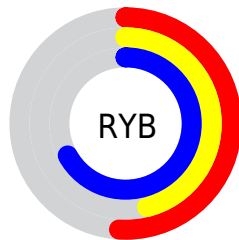
Distribution



Red (51%)

Green (46%)

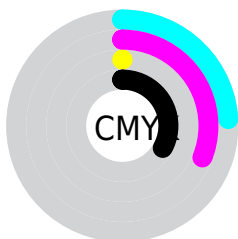
Blue (67%)



Red (51%)

Yellow (46%)

Blue (67%)

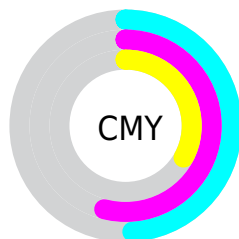


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (33%)



Cyan (49%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0350, 20.6430, 41.2985 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 23.0350, 20.6430, 41.2985 by changing the saturation by 10% instead.

■ 23.0350, 20.6430,
41.2985

■ 23.0350, 20.6430,
41.2985

260.4367,
255.3751, 367.2802

■ 14.7402, 12.8633,
28.2309

■ 47.9170, 44.4926,
78.3954

■ 8.7224, 7.3345,
18.2593

■ 65.2349, 61.3313,
103.2618

■ 4.6162, 3.6721,
10.9649

■ 86.2913, 81.9585,
132.8983

■ 2.0563, 1.4919,
5.9294

111.4514,
106.7585, 167.7234

■ 0.6653, 0.2830,
2.7341

141.0806,
136.1158, 208.1555

■ 0.0000, 0.0000,
0.9605

175.5444,

■ 0.0000, 0.0000,

170.4147, 254.6134

0.0000

215.2079,
210.0397, 307.5154

■ 23.0350, 20.6430,
41.2985

■ 23.0350, 20.6430,
41.2985

■ 19.3007, 15.9950,
40.5985

■ 27.3967, 26.1572,
42.1333

■ 16.1619, 12.1662,
40.0249

■ 32.4113, 32.5766,
43.1081

■ 13.5875, 9.1089,
39.5705

■ 38.1053, 39.9405,
44.2293

■ 11.5420, 6.7691,
39.2267

■ 44.5033, 48.2853,
45.5028

■ 9.9861, 5.0859,
38.9838

■ 51.6284, 57.6455,
46.9340

■ 8.8740, 3.9877,
38.8304

■ 59.5029, 68.0539,
48.5280

■ 8.1767, 3.3661,
38.7472

■ 68.1480, 79.5417,
50.2897

■ 77.5840, 92.1390,
52.2239

■ 82.1989, 94.6110,
52.4578

Harmonies

Analogous

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



19.7748, 20.6430, 45.3221



23.0350, 20.6430, 41.2985



25.5870, 20.6430, 32.0900

Triad

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



23.0350, 20.6430, 41.2985



22.7397, 20.6430, 10.2079



14.0502, 20.6430, 22.9202

Complementary

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



23.0350, 20.6430, 41.2985



32.1317, 37.8053, 22.7441

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.



14.6622, 20.6430, 15.0051



23.0350, 20.6430, 41.2985



19.4671, 20.6430, 8.9848

Square

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



23.0350, 20.6430, 41.2985



25.4037, 20.6430, 14.4297



16.5614, 20.6430, 10.4704



14.7893, 20.6430, 33.0674

Rectangle

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



23.0350, 20.6430, 41.2985



26.4149, 20.6430, 25.2319



16.5614, 20.6430, 10.4704



14.1043, 20.6430, 19.9298

Sweetspot

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



23.0357, 20.6438, 41.2990



59.8238, 60.6320, 77.5520



27.3098, 31.7668, 43.2207



13.0330, 13.1245, 17.2340



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.



23.0357, 20.6438, 41.2990



36.6779, 31.2582, 73.1022



27.5369, 22.9643, 41.5096



7.7422, 7.8414, 10.0582



6.2031, 2.5577, 29.2113



0.2192, 0.0952, 0.8148

Inverse Universe

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



29.5317, 24.1189, 35.9008



50.2334, 38.5181, 61.4536



27.5091, 35.4223, 22.5278



8.2583, 8.1166, 9.6711



15.8357, 7.7968, 17.3120



0.4594, 0.2244, 0.5809

Previews

White Background



This preview shows how the XYZ color 23.0350, 20.6430, 41.2985 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 23.0350, 20.6430, 41.2985 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 23.0350, 20.6430, 41.2985

Background



This preview shows how black text looks on a background with the XYZ color 23.0350, 20.6430, 41.2985.



This preview shows how white text looks on a background with the XYZ color 23.0350, 20.6430,

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

23.0350, 20.6430, 41.2985

Protanopia

21.3759, 20.8254, 43.4505

Deuteranopia

21.2734, 20.8283, 40.9292



Tritanopia

19.8752, 20.6275, 25.8556

Trichromacy



Original Color

23.0350, 20.6430, 41.2985

Protanomaly

21.9356, 20.7570, 42.8948

Deuteranomaly

21.8230, 20.7433, 40.8839

Tritanomaly

20.9090, 20.4928, 30.8705

Monochromacy



Original Color

23.0350, 20.6430, 41.2985

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.2950, 21.0960, 29.3351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0350, 20.6430, 41.2985 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(130, 118, 171)` looks like.

```
.text, #text, p{  
    color:rgb(130, 118, 171)  
}
```

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(130, 118, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 118, 171) }
```

Border

The CSS property to change the border of an element to XYZ 23.0350, 20.6430, 41.2985 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(130, 118, 171) }
```


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

```
.border{ border-color:rgb(130, 118, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 118, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 118, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 118, 171);  
box-shadow:4px 4px 4px 4px rgb(130, 118,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0350, 20.6430, 41.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 118, 171) }
```

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

```
.background{ background-color: rgb(130,  
118, 171) }
```

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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