

Converting Colors

XYZ(23.0365, 24.8897, 41.7789)

Have a look what the booklet for
XYZ(23.0365, 24.8897, 41.7789)
contains.

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Color

**XYZ(23.0642, 24.9734,
41.6350)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8CAA
RGB	110, 140, 170
RGB Percent	43%, 55%, 67%
CMY	0.5686, 0.4510, 0.3333
CMYK	0.35, 0.18, 0.00, 0.33
HSL	210°, 26%, 55%
HSV	210°, 35%, 67%
XYZ	23.0642, 24.9734, 41.6350
YIQ	134.4500, -27.5100, 2.9700

Conversions

Conversions Part 2

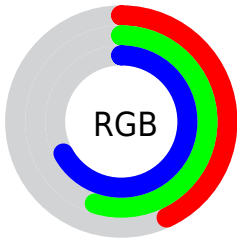
Format	Color
R_{YB}	110, 130, 170
Decimal	7244970
CIE _{Lab}	57.05, -3.00, -19.22
CIE _{LCh}	57, 19.451, 261.124
Yxy	24.9734, 0.2572, 0.2785
Android (android.graphics.Color)	4285435050 (0xFF6E8CAA)
YUV	134.4500, 17.5262, -21.4426
Hunter-Lab	49.9734, -5.0704, -14.4157

Details

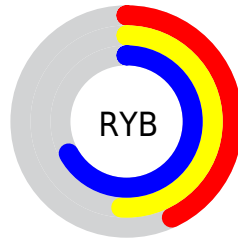
The XYZ color **23.0642, 24.9734, 41.6350** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.7707, 28.4286, 18.7236**, and the grayscale version is **22.7710, 23.9568, 26.0890**.

A 20% lighter version of the original color is **47.7648, 51.3627, 78.6307**, and **8.7298, 9.5501, 18.5228** is the 20% darker color. If you saturate the color by 10%, you get **19.9542, 21.5975, 41.1477**, and if you desaturate by 10%, it is **26.6775, 28.7523, 42.1744**.

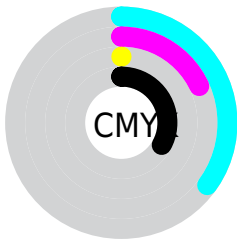
Distribution



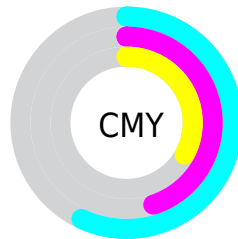
- Red (43%)
- Green (55%)
- Blue (67%)



- Red (43%)
- Yellow (51%)
- Blue (67%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (57%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0642, 24.9734, 41.6350 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 23.0642, 24.9734, 41.6350 by changing the saturation by 10% instead.

■ 23.0642, 24.9734,
41.6350

■ 23.0642, 24.9734,
41.6350

260.5837,
277.7054, 368.7226

■ 14.7619, 16.0572,
28.4922

■ 47.9646, 51.6141,
78.9110

■ 8.7377, 9.5647,
18.4547

■ 65.2934, 70.1074,
103.8813

■ 4.6262, 5.1113,
11.1041

■ 86.3617, 92.5618,
133.6311

■ 2.0621, 2.3127,
6.0219

■ 111.5349,
119.3618, 168.5791

■ 0.6685, 0.7804,
2.7894

141.1784,
150.8918, 209.1436

■ 0.0000, 0.0000,
0.9881

175.6574,

■ 0.0000, 0.0000,

187.5362, 255.7434

0.0000

215.3374,
229.6792, 308.7968

■ 23.0642, 24.9734,
41.6350

■ 23.0642, 24.9734,
41.6350

■ 19.9542, 21.5975,
41.1477

■ 26.6775, 28.7523,
42.1744

■ 17.3198, 18.6055,
40.7091

■ 30.8153, 32.9466,
42.7659

■ 15.1338, 15.9805,
40.3176

■ 35.5003, 37.5715,
43.4117

■ 13.3651, 13.7032,
39.9713

■ 40.7531, 42.6406,
44.1132

■ 11.9781, 11.7516,
39.6677

■ 46.5933, 48.1668,
44.8721

■ 10.9286, 10.0992,
39.4040

■ 53.0394, 54.1623,
45.6896

■ 10.5044, 9.3996,
39.2914

■ 60.1091, 60.6391,
46.5671

■ 67.8194, 67.6084,
47.5060

■ 73.1804, 73.5315,
48.3667

Harmonies

Analogous

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



21.0812, 24.9734, 38.2260



23.0642, 24.9734, 41.6350



25.3574, 24.9734, 40.7176

Triad

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



23.0642, 24.9734, 41.6350



28.0808, 24.9734, 22.8995



20.4739, 24.9734, 20.0264

Complementary

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



23.0642, 24.9734, 41.6350



28.7707, 28.4286, 18.7236

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.



22.1862, 24.9734, 17.0518



23.0642, 24.9734, 41.6350



26.6058, 24.9734, 18.5159

Square

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



23.0642, 24.9734, 41.6350



28.3534, 24.9734, 29.1823



24.4217, 24.9734, 16.5472



19.6501, 24.9734, 25.2939

Rectangle

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



23.0642, 24.9734, 41.6350



26.7487, 24.9734, 37.8286



24.4217, 24.9734, 16.5472



20.9593, 24.9734, 18.7630

Sweetspot

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



23.0650, 24.9744, 41.6356



59.2677, 63.1163, 78.0608



25.4660, 33.9291, 29.6336



12.9734, 13.8338, 17.3741



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.



23.0650, 24.9744, 41.6356



37.5494, 40.6696, 74.8728



19.3713, 17.5870, 40.4044



7.4301, 7.8970, 9.5510



7.7829, 7.0260, 28.9214



0.2406, 0.2734, 0.7207

Inverse Universe

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



26.8878, 21.5922, 27.5624



45.6492, 34.2259, 44.8929



33.5806, 38.0483, 20.3269



7.6817, 7.6025, 8.6409



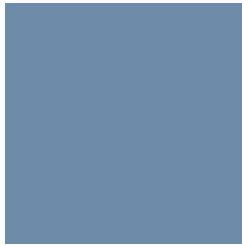
13.4290, 6.7803, 7.0709



0.3526, 0.1753, 0.3082

Previews

White Background



This preview shows how the XYZ color 23.0642, 24.9734, 41.6350 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 23.0642, 24.9734, 41.6350 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

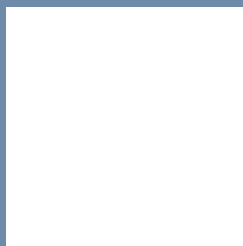
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0642, 24.9734, 41.6350

Background



This preview shows how black text looks on a background with the XYZ color 23.0642, 24.9734, 41.6350.

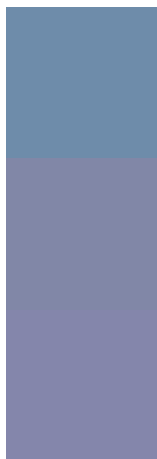


This preview shows how white text looks on a background with the XYZ color 23.0642, 24.9734,

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

23.0642, 24.9734, 41.6350

Protanopia

24.6923, 24.7851, 40.0418

Deuteranopia

25.3915, 24.8960, 41.9952



Tritanopia

21.5991, 25.0422, 34.2671

Trichromacy



Original Color

23.0642, 24.9734, 41.6350

Protanomaly

24.0396, 24.8560, 40.5765

Deuteranomaly

24.4670, 24.8337, 42.0319

Tritanomaly

22.0816, 25.0099, 36.9213

Monochromacy



Original Color

23.0642, 24.9734, 41.6350

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5281, 24.0749, 31.0633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0642, 24.9734, 41.6350 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(110, 140, 170)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 170)  
}
```

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(110, 140, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 170) }
```

Border

The CSS property to change the border of an element to XYZ 23.0642, 24.9734, 41.6350 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(110, 140, 170) }
```


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

```
.border{ border-color:rgb(110, 140, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 170);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0642, 24.9734, 41.6350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 170) }
```

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

```
.background{ background-color: rgb(110,  
140, 170) }
```

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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