

Converting Colors

XYZ(23.0842, 24.6086, 39.1356)

Have a look what the booklet for
XYZ(23.0842, 24.6086, 39.1356)
contains.

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Color

**XYZ(23.0825, 24.6066,
39.1303)**

Conversions

Conversions Part 1

Format	Color
Hex	748AA5
RGB	116, 138, 165
RGB Percent	45%, 54%, 65%
CMY	0.5451, 0.4588, 0.3529
CMYK	0.30, 0.16, 0.00, 0.35
HSL	213°, 21%, 55%
HSV	213°, 30%, 65%
XYZ	23.0825, 24.6066, 39.1303
YIQ	134.5000, -21.7790, 3.7330

Conversions

Conversions Part 2

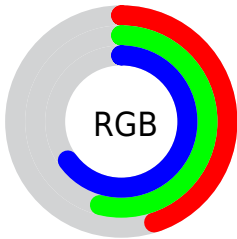
Format	Color
R_{YB}	116, 131, 165
Decimal	7637669
CIE _{Lab}	56.69, -1.37, -16.87
CIE _{LCh}	57, 16.922, 265.358
Yxy	24.6066, 0.2659, 0.2834
Android (android.graphics.Color)	4285827749 (0xFF748AA5)
YUV	134.5000, 15.0365, -16.2245
Hunter-Lab	49.6050, -3.7482, -12.0466

Details

The XYZ color **23.0825, 24.6066, 39.1303** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.4923, 28.9055, 20.6013**, and the grayscale version is **22.7968, 23.9840, 26.1186**.

A 20% lighter version of the original color is **47.9113, 50.8639, 75.0027**, and **8.7171, 9.3300, 16.9642** is the 20% darker color. If you saturate the color by 10%, you get **19.8308, 21.0748, 38.6204**, and if you desaturate by 10%, it is **26.8345, 28.5596, 39.6960**.

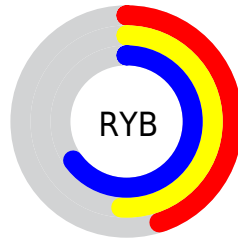
Distribution



Red (45%)

Green (54%)

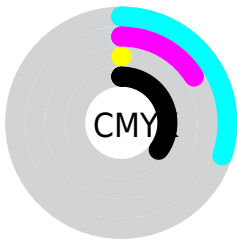
Blue (65%)



Red (45%)

Yellow (51%)

Blue (65%)

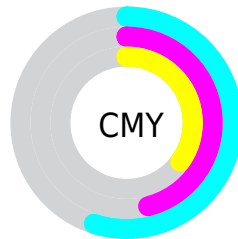


Cyan (30%)

Magenta (16%)

Yellow (0%)

Black (35%)



Cyan (55%)

Magenta (46%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0825, 24.6066, 39.1303 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 23.0825, 24.6066, 39.1303 by changing the saturation by 10% instead.

■ 23.0825, 24.6066,
39.1303

■ 23.0825, 24.6066,
39.1303

260.6759,
275.8731, 357.8866

■ 14.7755, 15.7842,
26.5525

■ 47.9944, 51.0183,
75.0599

■ 8.7472, 9.3716,
17.0080

■ 65.3300, 69.3764,
99.2487

■ 4.6325, 4.9843,
10.0781

■ 86.4058, 91.6818,
128.1450

■ 2.0658, 2.2381,
5.3445

111.5872,
118.3190, 162.1672

■ 0.6705, 0.7406,
2.3885

141.2396,
149.6723, 201.7340

■ 0.0000, 0.0000,
0.7802

175.7283,

■ 0.0000, 0.0000,

186.1262, 247.2638

0.0000

215.4186,
228.0650, 299.1751

■ 23.0825, 24.6066,
39.1303

■ 23.0825, 24.6066,
39.1303

■ 19.8308, 21.0748,
38.6204

■ 26.8345, 28.5596,
39.6960

■ 17.0539, 17.9454,
38.1627

■ 31.1062, 32.9458,
40.3175

■ 14.7272, 15.2021,
37.7558

■ 35.9187, 37.7804,
40.9970

■ 12.8228, 12.8263,
37.3976

■ 41.2911, 43.0769,
41.7362

■ 11.3095, 10.7974,
37.0858

■ 47.2417, 48.8481,
42.5365

■ 10.1509, 9.0920,
36.8177

■ 53.7879, 55.1063,
43.3994

■ 9.2709, 7.6659,
36.5888

■ 60.9462, 61.8634,
44.3264

■ 9.2461, 7.6256,
36.5823

■ 68.7326, 69.1307,
45.3187

■ 73.5793, 75.0721,
46.2101

Harmonies

Analogous

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



21.2992, 24.6066, 36.7495



23.0825, 24.6066, 39.1303



25.0485, 24.6066, 37.8445

Triad

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



23.0825, 24.6066, 39.1303



26.9819, 24.6066, 22.4082



20.4067, 24.6066, 21.0847

Complementary

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



23.0825, 24.6066, 39.1303



28.4923, 28.9055, 20.6013

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.



21.8022, 24.6066, 18.1334



23.0825, 24.6066, 39.1303



25.6087, 24.6066, 18.8189

Square

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



23.0825, 24.6066, 39.1303



27.3717, 24.6066, 27.6803



23.6959, 24.6066, 17.3659



19.8106, 24.6066, 25.9237

Rectangle

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



23.0825, 24.6066, 39.1303



26.1890, 24.6066, 35.1646



23.6959, 24.6066, 17.3659



20.7939, 24.6066, 19.8672

Sweetspot

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



23.0833, 24.6076, 39.1309



56.1413, 59.4423, 72.2669



25.6123, 32.6055, 30.9109



12.0274, 12.7452, 15.7637



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.



23.0833, 24.6076, 39.1309



37.1918, 39.5864, 69.4330



20.5701, 19.0913, 38.1986



6.9501, 7.3591, 8.9572



7.0433, 5.8659, 27.6908



0.1950, 0.2172, 0.5975

Inverse Universe

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



26.3506, 22.3258, 26.9663



44.1668, 35.2101, 43.3529



31.6203, 35.9108, 21.7886



7.1998, 7.1364, 8.0384



12.7006, 6.4363, 5.6139



0.2906, 0.1447, 0.2428

Previews

White Background



This preview shows how the XYZ color 23.0825, 24.6066, 39.1303 looks on a white background.

Color Contrast Check

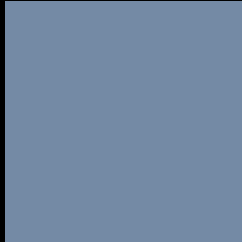
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0825, 24.6066, 39.1303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

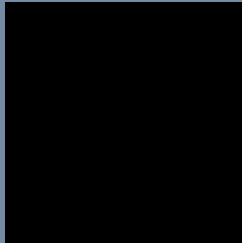
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

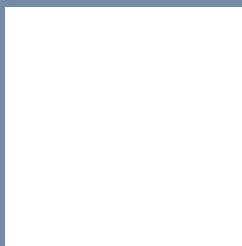
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0825, 24.6066, 39.1303

Background



This preview shows how black text looks on a background with the XYZ color 23.0825, 24.6066, 39.1303.



This preview shows how white text looks on a background with the XYZ color 23.0825, 24.6066,

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

23.0825, 24.6066, 39.1303

Protanopia

24.3419, 24.4404, 38.0848

Deuteranopia

25.1020, 24.5966, 39.5010



Tritanopia

21.8556, 24.5339, 33.2894

Trichromacy



Original Color

23.0825, 24.6066, 39.1303

Protanomaly

23.8223, 24.3683, 38.5699

Deuteranomaly

24.2993, 24.5931, 39.5426

Tritanomaly

22.2579, 24.4770, 35.4497

Monochromacy



Original Color

23.0825, 24.6066, 39.1303

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8946, 24.2728, 30.6726

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0825, 24.6066, 39.1303 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, 138, 165)` looks like.

```
.text, #text, p{  
    color:rgb(116, 138, 165)  
}
```

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, 138, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 138, 165) }
```

Border

The CSS property to change the border of an element to XYZ 23.0825, 24.6066, 39.1303 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, 138, 165) }
```


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

```
.border{ border-color:rgb(116, 138, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 138, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 138, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 138, 165);  
box-shadow:4px 4px 4px 4px rgb(116, 138,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0825, 24.6066, 39.1303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 138, 165) }
```

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

```
.background{ background-color: rgb(116,  
138, 165) }
```

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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