

Converting Colors

XYZ(21.3576, 23.0880, 39.3555)

Have a look what the booklet for
XYZ(21.3576, 23.0880, 39.3555)
contains.

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Color

**XYZ(21.3726, 23.0844,
39.4057)**

Conversions

Conversions Part 1

Format	Color
Hex	6987A6
RGB	105, 135, 166
RGB Percent	41%, 53%, 65%
CMY	0.5882, 0.4706, 0.3490
CMYK	0.37, 0.19, 0.00, 0.35
HSL	210°, 26%, 53%
HSV	210°, 37%, 65%
XYZ	21.3726, 23.0844, 39.4057
YIQ	129.5640, -27.8310, 3.2810

Conversions

Conversions Part 2

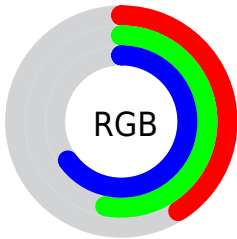
Format	Color
R_{YB}	105, 125, 166
Decimal	6916006
CIE _{Lab}	55.16, -2.67, -19.84
CIE _{LCh}	55, 20.018, 262.329
Yxy	23.0844, 0.2549, 0.2753
Android (android.graphics.Color)	4285106086 (0xFF6987A6)
YUV	129.5640, 17.9629, -21.5426
Hunter-Lab	48.0462, -4.6780, -14.9951

Details

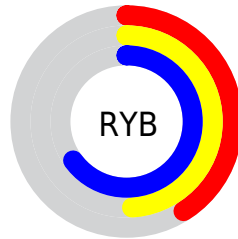
The XYZ color **21.3726, 23.0844, 39.4057** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.0803, 26.7356, 17.0985**, and the grayscale version is **21.0106, 22.1048, 24.0722**.

A 20% lighter version of the original color is **45.1349, 48.4560, 75.3807**, and **7.8071, 8.4962, 17.1480** is the 20% darker color. If you saturate the color by 10%, you get **18.4793, 19.9147, 38.9468**, and if you desaturate by 10%, it is **24.7413, 26.6387, 39.9146**.

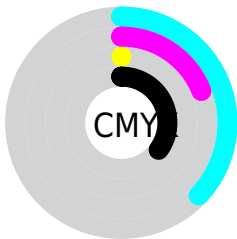
Distribution



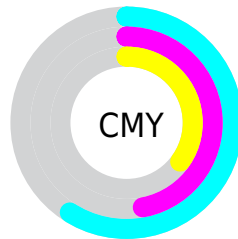
- Red (41%)
- Green (53%)
- Blue (65%)



- Red (41%)
- Yellow (49%)
- Blue (65%)



- Cyan (37%)
- Magenta (19%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3726, 23.0844, 39.4057 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 21.3726, 23.0844, 39.4057 by changing the saturation by 10% instead.

■ 21.3726, 23.0844,
39.4057

■ 21.3726, 23.0844,
39.4057

251.9465,
268.1582, 359.0896

■ 13.5106, 14.6558,
26.7652

■ 45.1934, 48.5319,
75.4848

■ 7.8605, 8.5782,
17.1661

■ 61.8830, 66.3196,
99.7606

■ 4.0569, 4.4671,
10.1898

■ 82.2459, 87.9958,
128.7518

■ 1.7344, 1.9381,
5.4177

■ 106.6474,
113.9449, 162.8771

■ 0.4776, 0.5712,
2.4314

135.4528,
144.5513, 202.5550

■ 0.0000, 0.0000,
0.8035

169.0276,

■ 0.0000, 0.0000,

180.1994, 248.2040

0.0000

207.7370,
221.2735, 300.2427

■ 21.3726, 23.0844,
39.4057

■ 21.3726, 23.0844,
39.4057

■ 18.4793, 19.9147,
38.9468

■ 24.7413, 26.6387,
39.9146

■ 16.0346, 17.1111,
38.5345

■ 28.6057, 30.5895,
40.4735

■ 14.0128, 14.6573,
38.1674

■ 32.9874, 34.9516,
41.0845

■ 12.3836, 12.5346,
37.8436

■ 37.9063, 39.7380,
41.7491

■ 11.1128, 10.7215,
37.5606

■ 43.3809, 44.9611,
42.4688

■ 10.1511, 9.1890,
37.3155

■ 49.4289, 50.6329,
43.2448

■ 9.8734, 8.7340,
37.2423

■ 56.0674, 56.7647,
44.0784

■ 63.3124, 63.3674,
44.9710

■ 71.1795, 70.4516,
45.9238

Harmonies

Analogous

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



19.4191, 23.0844, 36.1850



21.3726, 23.0844, 39.4057



23.6139, 23.0844, 38.3194

Triad

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



21.3726, 23.0844, 39.4057



26.1595, 23.0844, 20.7445



18.7133, 23.0844, 18.3411

Complementary

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



21.3726, 23.0844, 39.4057



27.0803, 26.7356, 17.0985

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.



20.3491, 23.0844, 15.3857



21.3726, 23.0844, 39.4057



24.6724, 23.0844, 16.6003

Square

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



21.3726, 23.0844, 39.4057



26.4797, 23.0844, 26.8132



22.5194, 23.0844, 14.8074



17.9531, 23.0844, 23.5283

Rectangle

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



21.3726, 23.0844, 39.4057



24.9628, 23.0844, 35.3716



22.5194, 23.0844, 14.8074



19.1735, 23.0844, 17.0925

Sweetspot

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



21.3733, 23.0853, 39.4062



56.2044, 59.8096, 74.0574



23.8710, 32.0396, 28.0334



12.3473, 13.1551, 16.5405



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



21.3733, 23.0853, 39.4062



34.4857, 37.1997, 70.8380



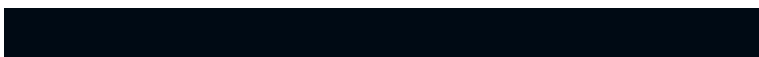
17.7608, 15.8603, 38.2021



7.4250, 7.8869, 9.5493



7.7029, 6.8659, 28.8948



0.2388, 0.2697, 0.7201

Inverse Universe

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



25.1513, 19.9601, 25.4497



42.5191, 31.3185, 40.9891



31.9124, 36.3998, 18.7092



7.6791, 7.6015, 8.6275



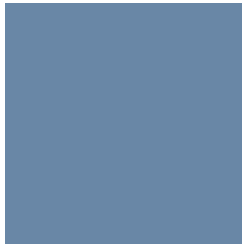
13.3887, 6.7642, 6.8582



0.3517, 0.1749, 0.3033

Previews

White Background



This preview shows how the XYZ color 21.3726, 23.0844, 39.4057 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 21.3726, 23.0844, 39.4057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

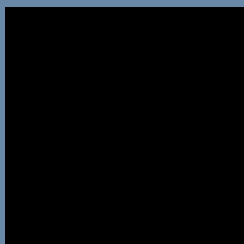
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

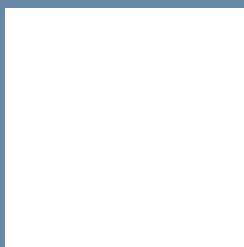
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.3726, 23.0844, 39.4057

Background



This preview shows how black text looks on a background with the XYZ color 21.3726, 23.0844, 39.4057.



This preview shows how white text looks on a background with the XYZ color 21.3726, 23.0844,

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

21.3726, 23.0844, 39.4057

Protanopia

22.9057, 22.8947, 37.8622

Deuteranopia

23.4295, 22.9262, 39.7495



Tritanopia

19.8801, 23.1136, 31.8473

Trichromacy



Original Color

21.3726, 23.0844, 39.4057

Protanomaly

22.2882, 22.9648, 38.3799

Deuteranomaly

22.5626, 22.8742, 39.7852

Tritanomaly

20.3415, 23.0827, 34.3936

Monochromacy



Original Color

21.3726, 23.0844, 39.4057

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0943, 22.5506, 29.2275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3726, 23.0844, 39.4057 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(105, 135, 166)` looks like.

```
.text, #text, p{  
    color:rgb(105, 135, 166)  
}
```

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(105, 135, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 135, 166) }
```

Border

The CSS property to change the border of an element to XYZ 21.3726, 23.0844, 39.4057 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(105, 135, 166) }
```


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

```
.border{ border-color:rgb(105, 135, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 135, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 135, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 135, 166);  
box-shadow:4px 4px 4px 4px rgb(105, 135,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3726, 23.0844, 39.4057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 135, 166) }
```

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

```
.background{ background-color: rgb(105,  
135, 166) }
```

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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