

Converting Colors

XYZ(23.9684, 28.4725, 39.9207)

Have a look what the booklet for
XYZ(23.9684, 28.4725, 39.9207)
contains.

XYZ(24.0085, 28.5023, 39.8334)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(24.0085, 28.5023,
39.8334)**

Conversions

Conversions Part 1

Format	Color
Hex	6999A5
RGB	105, 153, 165
RGB Percent	41%, 60%, 65%
CMY	0.5882, 0.4000, 0.3529
CMYK	0.36, 0.07, 0.00, 0.35
HSL	192°, 25%, 53%
HSV	192°, 36%, 65%
XYZ	24.0085, 28.5023, 39.8334
YIQ	140.0160, -32.4600, -6.4440

Conversions

Conversions Part 2

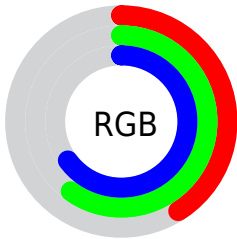
Format	Color
R_{YB}	105, 132, 165
Decimal	6920613
CIE _{Lab}	60.34, -12.98, -11.42
CIE _{LCh}	60, 17.292, 221.333
Yxy	28.5023, 0.2600, 0.3087
Android (android.graphics.Color)	4285110693 (0xFF6999A5)
YUV	140.0160, 12.3171, -30.7090
Hunter-Lab	53.3875, -13.1564, -6.8660

Details

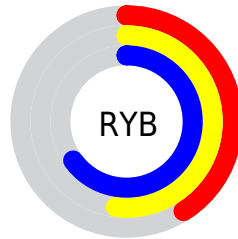
The XYZ color **24.0085, 28.5023, 39.8334** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.4287, 21.7424, 16.2747**, and the grayscale version is **24.8969, 26.1935, 28.5247**.

A 20% lighter version of the original color is **49.3316, 57.0621, 76.1242**, and **9.2533, 11.4793, 17.3508** is the 20% darker color. If you saturate the color by 10%, you get **21.7229, 26.5340, 39.5744**, and if you desaturate by 10%, it is **26.6868, 30.6966, 40.1163**.

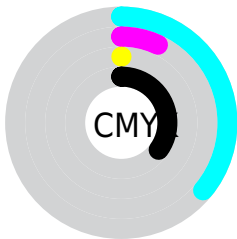
Distribution



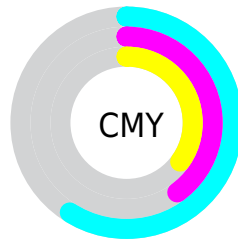
- Red (41%)
- Green (60%)
- Blue (65%)



- Red (41%)
- Yellow (52%)
- Blue (65%)



- Cyan (36%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (59%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0085, 28.5023, 39.8334 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 24.0085, 28.5023, 39.8334 by changing the saturation by 10% instead.

■ 24.0085, 28.5023,
39.8334

■ 24.0085, 28.5023,
39.8334

265.3031,
294.8594, 360.9521

■ 15.4647, 18.7046,
27.0959

■ 49.4986, 57.2854,
76.1441

■ 9.2346, 11.4571,
17.4122

■ 67.1757, 77.0396,
100.5543

■ 4.9529, 6.3751,
10.3637

■ 88.6279, 100.8815,
129.6925

■ 2.2541, 3.0745,
5.5320

■ 114.2205,
129.1954, 163.9772

■ 0.7710, 1.1708,
2.4985

144.3190,
162.3658, 203.8270

■ 0.0000, 0.0376,
0.8394

179.2887,

■ 0.0000, 0.0000,

200.7769, 249.6604

0.0000

219.4950,
244.8133, 301.8959

■ 24.0085, 28.5023,
39.8334

■ 24.0085, 28.5023,
39.8334

■ 21.7229, 26.5340,
39.5744

■ 26.6868, 30.6966,
40.1163

■ 19.8055, 24.7768,
39.3363

■ 29.7754, 33.1241,
40.4220

■ 18.2329, 23.2192,
39.1186

■ 33.2939, 35.7957,
40.7523

■ 16.9779, 21.8469,
38.9198

■ 37.2599, 38.7207,
41.1078

■ 16.0090, 20.6436,
38.7386

■ 41.6900, 41.9079,
41.4895

■ 15.2823, 19.5865,
38.5729

■ 46.5999, 45.3654,
41.8981

■ 15.0434, 19.2202,
38.5148

■ 52.0047, 49.1012,
42.3343

■ 57.9185, 53.1228,
42.7989

■ 64.3551, 57.4374,
43.2924

Harmonies

Analogous

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



23.1150, 28.5023, 33.5003



24.0085, 28.5023, 39.8334



25.7464, 28.5023, 44.1244

Triad

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



24.0085, 28.5023, 39.8334



31.3416, 28.5023, 35.1161



26.2600, 28.5023, 20.5197

Complementary

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



24.0085, 28.5023, 39.8334



24.4287, 21.7424, 16.2747

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.



28.4807, 28.5023, 20.8286



24.0085, 28.5023, 39.8334



31.4977, 28.5023, 28.6921

Square

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



24.0085, 28.5023, 39.8334



30.0102, 28.5023, 41.1545



30.4258, 28.5023, 23.6367



24.3667, 28.5023, 22.7259

Rectangle

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



24.0085, 28.5023, 39.8334



27.1900, 28.5023, 44.9388



30.4258, 28.5023, 23.6367



26.9914, 28.5023, 20.3417

Sweetspot

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



24.0094, 28.5034, 39.8341



56.4785, 61.7355, 72.6917



22.4340, 31.1751, 21.3589



12.1734, 13.3643, 15.8755



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.



24.0094, 28.5034, 39.8341



39.4964, 48.0431, 70.9439



19.8257, 20.1361, 38.4395



7.1553, 7.7695, 9.0256



11.4159, 14.6112, 29.1483



0.2688, 0.3649, 0.6221

Inverse Universe

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



26.3192, 20.4033, 32.6892



44.3909, 31.7037, 55.6186



28.3464, 29.5777, 17.5806



7.3033, 7.1778, 8.5838



14.9077, 7.3191, 17.2364



0.3278, 0.1596, 0.4390

Previews

White Background



This preview shows how the XYZ color 24.0085, 28.5023, 39.8334 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 24.0085, 28.5023, 39.8334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

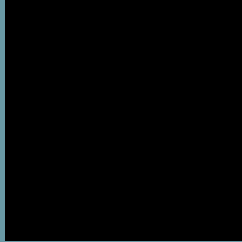
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0085, 28.5023, 39.8334

Background



This preview shows how black text looks on a background with the XYZ color 24.0085, 28.5023, 39.8334.



This preview shows how white text looks on a background with the XYZ color 24.0085, 28.5023,

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

24.0085, 28.5023, 39.8334

Protanopia

27.5590, 28.2894, 36.8088

Deuteranopia

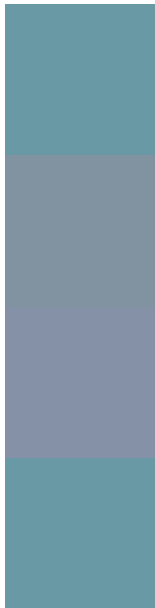
28.7127, 28.1357, 40.4766



Tritanopia

24.0085, 28.5023, 39.8334

Trichromacy



Original Color

24.0085, 28.5023, 39.8334

Protanomaly

25.9200, 28.1078, 37.7774

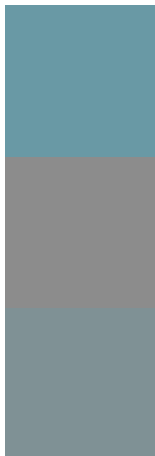
Deuteranomaly

26.5241, 27.9095, 40.0655

Tritanomaly

24.0085, 28.5023, 39.8334

Monochromacy



Original Color

24.0085, 28.5023, 39.8334

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3026, 26.9328, 32.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0085, 28.5023, 39.8334 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, 153, 165)` looks like.

```
.text, #text, p{  
    color:rgb(105, 153, 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(105, 153, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 153, 165) }
```

Border

The CSS property to change the border of an element to XYZ 24.0085, 28.5023, 39.8334 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, 153, 165) }
```


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

```
.border{ border-color:rgb(105, 153, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 153, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 153, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 153, 165);  
box-shadow:4px 4px 4px 4px rgb(105, 153,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0085, 28.5023, 39.8334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 153, 165) }
```

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

```
.background{ background-color: rgb(105,  
153, 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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