

Converting Colors

XYZ(22.6218, 23.0561, 34.3854)

Have a look what the booklet for
XYZ(22.6218, 23.0561, 34.3854)
contains.

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Color

**XYZ(22.6369, 23.0348,
34.2634)**

Conversions

Conversions Part 1

Format	Color
Hex	7E839B
RGB	126, 131, 155
RGB Percent	49%, 51%, 61%
CMY	0.5059, 0.4863, 0.3922
CMYK	0.19, 0.15, 0.00, 0.39
HSL	230°, 13%, 55%
HSV	230°, 19%, 61%
XYZ	22.6369, 23.0348, 34.2634
YIQ	132.2410, -10.6840, 6.4040

Conversions

Conversions Part 2

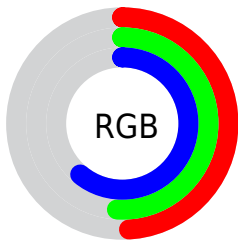
Format	Color
R_{YB}	126, 130, 155
Decimal	8291227
CIE _{Lab}	55.11, 3.43, -13.44
CIE _{LCh}	55, 13.866, 284.316
Yxy	23.0348, 0.2832, 0.2882
Android (android.graphics.Color)	4286481307 (0xFF7E839B)
YUV	132.2410, 11.2202, -5.4734
Hunter-Lab	47.9946, 0.2000, -8.7310

Details

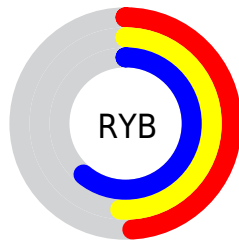
The XYZ color **22.6369, 23.0348, 34.2634** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1900, 30.2876, 24.0996**, and the grayscale version is **21.9832, 23.1280, 25.1864**.

A 20% lighter version of the original color is **47.2395, 48.4681, 67.1871**, and **8.5766, 8.6118, 14.3069** is the 20% darker color. If you saturate the color by 10%, you get **18.9087, 18.7122, 33.6259**, and if you desaturate by 10%, it is **26.9340, 27.9684, 34.9896**.

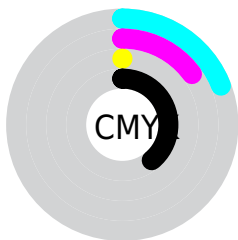
Distribution



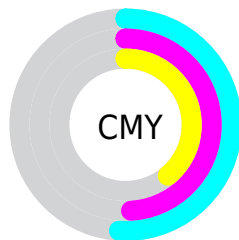
- Red (49%)
- Green (51%)
- Blue (61%)



- Red (49%)
- Yellow (51%)
- Blue (61%)



- Cyan (19%)
- Magenta (15%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6369, 23.0348, 34.2634 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 22.6369, 23.0348, 34.2634 by changing the saturation by 10% instead.

■ 22.6369, 23.0348,
34.2634

■ 22.6369, 23.0348,
34.2634

258.4248,
267.9037, 336.1099

■ 14.4448, 14.6192,
22.8170

■ 47.2675, 48.4505,
67.4816

■ 8.5145, 8.5526,
14.2544

■ 64.4367, 66.2193,
90.0906

■ 4.4804, 4.4505,
8.1571

■ 85.3291, 87.8747,
117.2575

■ 1.9774, 1.9286,
4.1064

110.3099,
113.8011, 149.4008

■ 0.6212, 0.5655,
1.6839

139.7445,
144.3827, 186.9392

■ 0.0000, 0.0000,
0.3497

173.9983,

■ 0.0000, 0.0000,

180.0041, 230.2912

0.0000

213.4366,

221.0496, 279.8752

■ 22.6369, 23.0348,
34.2634

■ 22.6369, 23.0348,
34.2634

■ 18.9087, 18.7122,
33.6259

■ 26.9340, 27.9684,
34.9896

■ 15.7232, 14.9740,
33.0723

■ 31.8204, 33.5328,
35.8061

■ 13.0553, 11.7955,
32.5994

■ 37.3182, 39.7504,
36.7164

■ 10.8773, 9.1494,
32.2034

■ 43.4476, 46.6415,
37.7235

■ 9.1585, 7.0059,
31.8803

■ 50.2280, 54.2256,
38.8300

■ 7.8648, 5.3321,
31.6254

■ 57.6777, 62.5214,
40.0386

■ 6.9571, 4.0912,
31.4337

■ 65.8147, 71.5469,
41.3518

■ 6.3660, 3.2285,
31.2983

■ 74.6559, 81.3195,
42.7721

■ 6.3023, 3.1382,
31.2843

■ 80.2478, 89.8092,
44.1161

Harmonies

Analogous

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



21.1004, 23.0348, 34.1987



22.6369, 23.0348, 34.2634



24.0361, 23.0348, 31.6759

Triad

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



22.6369, 23.0348, 34.2634



24.0895, 23.0348, 19.5931



19.1559, 23.0348, 22.8501

Complementary

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



22.6369, 23.0348, 34.2634



28.1900, 30.2876, 24.0996

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.



19.8829, 23.0348, 19.4715



22.6369, 23.0348, 34.2634



22.7070, 23.0348, 17.7476

Square

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



22.6369, 23.0348, 34.2634



24.9011, 23.0348, 23.0350



21.1673, 23.0348, 17.7058



19.1391, 23.0348, 27.2447

Rectangle

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



22.6369, 23.0348, 34.2634



24.6824, 23.0348, 28.9530



21.1673, 23.0348, 17.7058



19.3237, 23.0348, 21.5705

Sweetspot

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



22.6376, 23.0357, 34.2639



50.4006, 52.5607, 63.0251



25.8056, 30.0706, 33.1652



11.2943, 11.7671, 14.2464



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.6376, 23.0357, 34.2639



37.9403, 38.2485, 60.9193



23.3990, 22.4550, 34.1117



5.9663, 6.1900, 7.8093



5.0826, 2.5619, 25.1343



0.0949, 0.0762, 0.3821

Inverse Universe

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



25.0757, 23.5296, 24.6938



43.0587, 39.3467, 40.8150



27.3092, 31.0437, 24.2919



6.2501, 6.2392, 6.6973



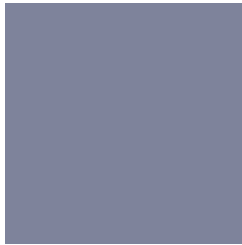
11.0242, 5.6639, 1.3866



0.1744, 0.0885, 0.0710

Previews

White Background



This preview shows how the XYZ color 22.6369, 23.0348, 34.2634 looks on a white background.

Color Contrast Check

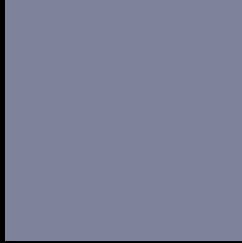
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.6369, 23.0348, 34.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

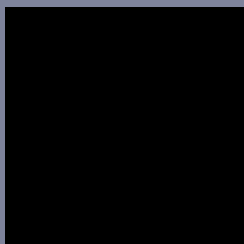
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

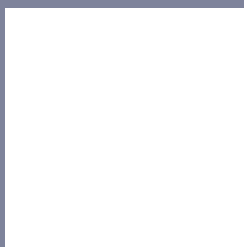
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6369, 23.0348, 34.2634

Background



This preview shows how black text looks on a background with the XYZ color 22.6369, 23.0348, 34.2634.



This preview shows how white text looks on a background with the XYZ color 22.6369, 23.0348,

34.2634.

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

22.6369, 23.0348, 34.2634

Protanopia

22.7851, 23.1112, 34.2703

Deuteranopia

23.4395, 23.0536, 34.2247



Tritanopia

21.7338, 23.0738, 29.6937

Trichromacy



Original Color

22.6369, 23.0348, 34.2634

Protanomaly

22.7851, 23.1112, 34.2703

Deuteranomaly

23.1049, 23.0776, 34.2470

Tritanomaly

22.0540, 23.0006, 31.2942

Monochromacy



Original Color

22.6369, 23.0348, 34.2634

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1908, 23.1418, 28.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6369, 23.0348, 34.2634 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(126, 131, 155)` looks like.

```
.text, #text, p{  
    color:rgb(126, 131, 155)  
}
```

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(126, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 131, 155) }
```

Border

The CSS property to change the border of an element to XYZ 22.6369, 23.0348, 34.2634 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(126, 131, 155) }
```


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

```
.border{ border-color:rgb(126, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 131, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 131, 155); box-shadow:4px 4px 4px 4px rgb(126, 131, 155) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6369, 23.0348, 34.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 131, 155) }
```

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

```
.background{ background-color: rgb(126,  
131, 155) }
```

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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