

Converting Colors

XYZ(23.1846, 24.1301, 34.4460)

Have a look what the booklet for
XYZ(23.1846, 24.1301, 34.4460)
contains.

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Color

**XYZ(23.1846, 24.1301,
34.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	7E879B
RGB	126, 135, 155
RGB Percent	49%, 53%, 61%
CMY	0.5059, 0.4706, 0.3922
CMYK	0.19, 0.13, 0.00, 0.39
HSL	221°, 13%, 55%
HSV	221°, 19%, 61%
XYZ	23.1846, 24.1301, 34.4460
YIQ	134.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

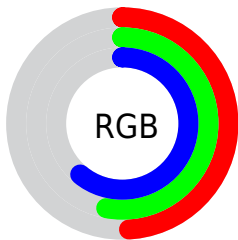
Format	Color
R_{YB}	126, 133, 155
Decimal	8292251
CIE Lab	56.22, 1.13, -11.76
CIE LCh	56, 11.817, 275.465
Yxy	24.1301, 0.2836, 0.2951
Android (android.graphics.Color)	4286482331 (0xFF7E879B)
YUV	134.5890, 10.0626, -7.5326
Hunter-Lab	49.1224, -1.7165, -7.1901

Details

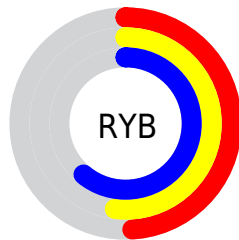
The XYZ color **23.1846, 24.1301, 34.4460** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.5627, 29.0329, 23.8906**, and the grayscale version is **22.8447, 24.0344, 26.1735**.

A 20% lighter version of the original color is **48.0822, 50.1536, 67.4680**, and **8.8078, 9.0743, 14.3840** is the 20% darker color. If you saturate the color by 10%, you get **19.6565, 20.2079, 33.8753**, and if you desaturate by 10%, it is **27.2180, 28.5364, 35.0843**.

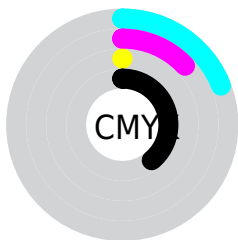
Distribution



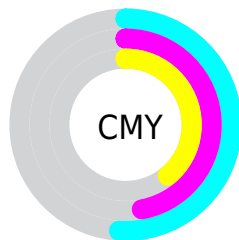
- Red (49%)
- Green (53%)
- Blue (61%)



- Red (49%)
- Yellow (52%)
- Blue (61%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (47%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1846, 24.1301, 34.4460 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 23.1846, 24.1301, 34.4460 by changing the saturation by 10% instead.

■ 23.1846, 24.1301,
34.4460

■ 23.1846, 24.1301,
34.4460

261.1894,
273.4776, 336.9459

■ 14.8513, 15.4302,
22.9563

■ 48.1607, 50.2424,
67.7684

■ 8.8007, 9.1218,
14.3563

■ 65.5342, 68.4236,
90.4383

■ 4.6675, 4.8207,
8.2273

■ 86.6519, 90.5340,
117.6719

■ 2.0863, 2.1425,
4.1509

111.8790,
116.9579, 149.8879

■ 0.6817, 0.6884,
1.7085

141.5809,
148.0799, 187.5047

■ 0.0000, 0.0000,
0.3665

176.1231,

■ 0.0000, 0.0000,

184.2842, 230.9409

0.0000

215.8708,
225.9553, 280.6152

■ 23.1846, 24.1301,
34.4460

■ 23.1846, 24.1301,
34.4460

■ 19.6565, 20.2079,
33.8753

■ 27.2180, 28.5364,
35.0843

■ 16.6110, 16.7497,
33.3683

■ 31.7741, 33.4400,
35.7907

■ 14.0266, 13.7381,
32.9232

■ 36.8718, 38.8574,
36.5677

■ 11.8794, 11.1536,
32.5375

■ 42.5287, 44.8035,
37.4172

■ 10.1432, 8.9752,
32.2086

■ 48.7614, 51.2923,
38.3412

■ 8.7886, 7.1796,
31.9334

■ 55.5859, 58.3374,
39.3413

■ 7.7819, 5.7409,
31.7087

■ 63.0174, 65.9521,
40.4194

■ 7.0604, 4.6173,
31.5299

■ 71.0708, 74.1490,
41.5771

■ 6.9779, 4.4894,
31.5095

■ 75.7899, 80.8935,
42.6302

Harmonies

Analogous

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



21.8673, 24.1301, 33.6833



23.1846, 24.1301, 34.4460



24.4841, 24.1301, 32.8495

Triad

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



23.1846, 24.1301, 34.4460



25.1288, 24.1301, 22.1678



20.6398, 24.1301, 23.2880

Complementary

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



23.1846, 24.1301, 34.4460



27.5627, 29.0329, 23.8906

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.



21.4525, 24.1301, 20.6396



23.1846, 24.1301, 34.4460



24.0368, 24.1301, 20.0390

Square

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



23.1846, 24.1301, 34.4460



25.6346, 24.1301, 25.5676



22.6871, 24.1301, 19.5082



20.4318, 24.1301, 26.9925

Rectangle

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



23.1846, 24.1301, 34.4460



25.1547, 24.1301, 30.7468



22.6871, 24.1301, 19.5082



20.8498, 24.1301, 22.2568

Sweetspot

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



23.1853, 24.1311, 34.4465



50.7674, 53.2942, 63.1474



25.5002, 29.9485, 31.5566



11.3848, 11.9482, 14.2766



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.



23.1853, 24.1311, 34.4465



39.0674, 40.5026, 61.2950



22.7871, 22.1396, 34.0831



6.0331, 6.3236, 7.8316



5.6354, 3.6674, 25.3186



0.1140, 0.1143, 0.3884

Inverse Universe

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



25.3523, 23.6403, 26.1495



43.6276, 39.5742, 43.8106



28.0072, 31.4036, 24.3247



6.2838, 6.2527, 6.8748



11.3032, 5.7755, 2.8559



0.1840, 0.0924, 0.1218

Previews

White Background



This preview shows how the XYZ color 23.1846, 24.1301, 34.4460 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 23.1846, 24.1301, 34.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

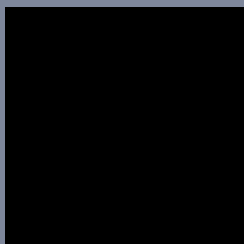
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

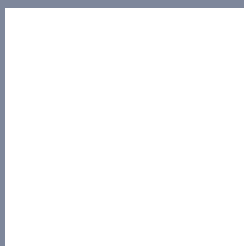
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1846, 24.1301, 34.4460

Background



This preview shows how black text looks on a background with the XYZ color 23.1846, 24.1301, 34.4460.



This preview shows how white text looks on a background with the XYZ color 23.1846, 24.1301,

34.4460.

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

23.1846, 24.1301, 34.4460

Protanopia

23.7179, 24.2086, 33.9945

Deuteranopia

24.5983, 24.0362, 34.7955



Tritanopia

22.5281, 24.0749, 31.0633

Trichromacy



Original Color

23.1846, 24.1301, 34.4460

Protanomaly

23.4111, 24.0504, 33.9801

Deuteranomaly

24.0835, 23.9712, 34.8100

Tritanomaly

22.7666, 24.1703, 32.3196

Monochromacy



Original Color

23.1846, 24.1301, 34.4460

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.0622, 24.1865, 29.0441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1846, 24.1301, 34.4460 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, 135, 155)` looks like.

```
.text, #text, p{  
    color:rgb(126, 135, 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, 135, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 135, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.1846, 24.1301, 34.4460 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, 135, 155) }
```


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

```
.border{ border-color:rgb(126, 135, 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, 135, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 135, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 135, 155);  
box-shadow:4px 4px 4px 4px rgb(126, 135,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1846, 24.1301, 34.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 135, 155) }
```

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

```
.background{ background-color: rgb(126,  
135, 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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