

Converting Colors

XYZ(23.5919, 24.9991, 43.3203)

Have a look what the booklet for
XYZ(23.5919, 24.9991, 43.3203)
contains.

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Color

**XYZ(23.5855, 24.9931,
43.1162)**

Conversions

Conversions Part 1

Format	Color
Hex	718BAD
RGB	113, 139, 173
RGB Percent	44%, 55%, 68%
CMY	0.5569, 0.4549, 0.3216
CMYK	0.35, 0.20, 0.00, 0.32
HSL	214°, 27%, 56%
HSV	214°, 35%, 68%
XYZ	23.5855, 24.9931, 43.1162
YIQ	135.1020, -26.4100, 5.0620

Conversions

Conversions Part 2

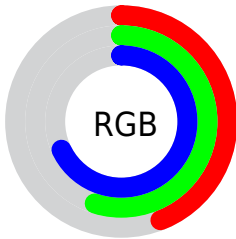
Format	Color
RYB	113, 131, 173
Decimal	7441325
CIELab	57.07, -0.75, -20.89
CIELCh	57, 20.900, 267.939
Yxy	24.9931, 0.2572, 0.2726
Android (android.graphics.Color)	4285631405 (0xFF718BAD)
YUV	135.1020, 18.6837, -19.3835
Hunter-Lab	49.9931, -3.2761, -16.1391

Details

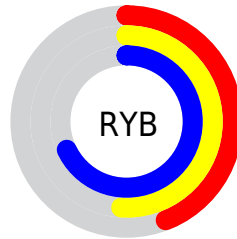
The XYZ color **23.5855, 24.9931, 43.1162** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **30.6484, 30.9443, 19.9811**, and the grayscale version is **23.0075, 24.2057, 26.3600**.

A 20% lighter version of the original color is **48.7184, 51.4634, 81.4944**, and **9.0102, 9.5494, 19.4575** is the 20% darker color. If you saturate the color by 10%, you get **20.2121, 21.2410, 42.5702**, and if you desaturate by 10%, it is **27.5121, 29.2205, 43.7256**.

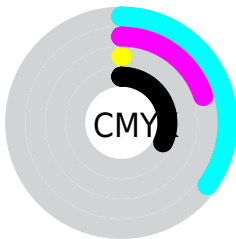
Distribution



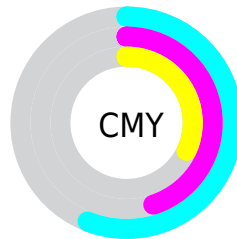
- Red (44%)
- Green (55%)
- Blue (68%)



- Red (44%)
- Yellow (51%)
- Blue (68%)



- Cyan (35%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (56%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5855, 24.9931, 43.1162 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 23.5855, 24.9931, 43.1162 by changing the saturation by 10% instead.

■ 23.5855, 24.9931,
43.1162

■ 23.5855, 24.9931,
43.1162

263.1977,
277.8036, 375.0247

■ 15.1495, 16.0719,
29.6442

■ 48.8126, 51.6460,
81.1744

■ 9.0114, 9.5751,
19.3189

■ 66.3343, 70.1466,
106.5977

■ 4.8058, 5.1181,
11.7218

■ 87.6154, 92.6090,
136.8419

■ 2.1673, 2.3167,
6.4343

■ 113.0211,
119.4177, 172.3255

■ 0.7254, 0.7825,
3.0379

142.9169,
150.9572, 213.4670

■ 0.0000, 0.0000,
1.1140

177.6680,

■ 0.0000, 0.0000,

187.6117, 260.6850

0.0000

217.6398,
229.7657, 314.3981

■ 23.5855, 24.9931,
43.1162

■ 23.5855, 24.9931,
43.1162

■ 20.2121, 21.2410,
42.5702

■ 27.5121, 29.2205,
43.7256

■ 17.3620, 17.9421,
42.0837

■ 32.0149, 33.9381,
44.3989

■ 15.0058, 15.0768,
41.6548

■ 37.1186, 39.1638,
45.1386

■ 13.1102, 12.6224,
41.2810

■ 42.8455, 44.9135,
45.9465

■ 11.6369, 10.5536,
40.9593

■ 49.2169, 51.2025,
46.8246

■ 10.5402, 8.8408,
40.6865

■ 56.2530, 58.0453,
47.7746

■ 10.0569, 8.0452,
40.5584

■ 63.9729, 65.4560,
48.7981

■ 72.3953, 73.4479,
49.8968

■ 76.3152, 79.3417,
50.8278

Harmonies

Analogous

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



21.3323, 24.9931, 40.3807



23.5855, 24.9931, 43.1162



26.0405, 24.9931, 41.0178

Triad

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



23.5855, 24.9931, 43.1162



28.1828, 24.9931, 21.3481



19.9685, 24.9931, 20.6384

Complementary

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



23.5855, 24.9931, 43.1162



30.6484, 30.9443, 19.9811

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.



21.6077, 24.9931, 16.9160



23.5855, 24.9931, 43.1162



26.3550, 24.9931, 17.2733

Square

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



23.5855, 24.9931, 43.1162



28.8016, 24.9931, 27.7033



23.9257, 24.9931, 15.7982



19.3356, 24.9931, 26.7290

Rectangle

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



23.5855, 24.9931, 43.1162



27.4420, 24.9931, 37.3323



23.9257, 24.9931, 15.7982



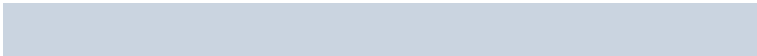
20.4143, 24.9931, 19.1110

Sweetspot

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



23.5863, 24.9941, 43.1168



61.3198, 64.8838, 80.0977



26.9426, 35.4737, 32.6219



13.0605, 13.8280, 17.3684



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



23.5863, 24.9941, 43.1168



37.2999, 39.2850, 76.4226



20.6511, 18.5412, 42.0259



7.8537, 8.3067, 10.1421



7.4430, 6.0198, 29.8142



0.2621, 0.2776, 0.8477

Inverse Universe

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



27.7996, 22.5593, 27.3163



46.2176, 34.8571, 42.8173



34.5023, 39.6259, 21.4537



8.1439, 8.0708, 9.0688



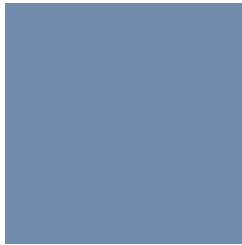
13.6205, 6.9107, 5.6471



0.4067, 0.2034, 0.3034

Previews

White Background



This preview shows how the XYZ color 23.5855, 24.9931, 43.1162 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 23.5855, 24.9931, 43.1162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

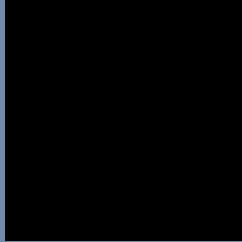
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5855, 24.9931, 43.1162

Background



This preview shows how black text looks on a background with the XYZ color 23.5855, 24.9931, 43.1162.

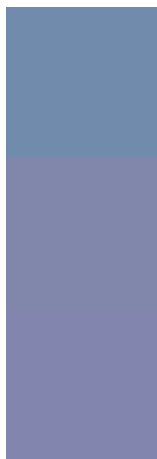


This preview shows how white text looks on a background with the XYZ color 23.5855, 24.9931,

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

23.5855, 24.9931, 43.1162

Protanopia

24.8218, 24.8194, 41.5126

Deuteranopia

25.3710, 24.8520, 43.5041



Tritanopia

21.6901, 24.8672, 34.2285

Trichromacy



Original Color

23.5855, 24.9931, 43.1162

Protanomaly

24.3232, 24.7595, 42.0252

Deuteranomaly

24.7563, 24.9494, 43.5553

Tritanomaly

22.3883, 24.9380, 37.3517

Monochromacy



Original Color

23.5855, 24.9931, 43.1162

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.9814, 24.2903, 31.9110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5855, 24.9931, 43.1162 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(113, 139, 173)` looks like.

```
.text, #text, p{  
    color:rgb(113, 139, 173)  
}
```

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(113, 139, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 139, 173) }
```

Border

The CSS property to change the border of an element to XYZ 23.5855, 24.9931, 43.1162 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(113, 139, 173) }
```


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

```
.border{ border-color:rgb(113, 139, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 139, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(113, 139,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5855, 24.9931, 43.1162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 139, 173) }
```

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

```
.background{ background-color: rgb(113,  
139, 173) }
```

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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