

Converting Colors

XYZ(19.3801, 23.5731, 32.3523)

Have a look what the booklet for
XYZ(19.3801, 23.5731, 32.3523)
contains.

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Color

**XYZ(19.3443, 23.4759,
32.3659)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8D96
RGB	91, 141, 150
RGB Percent	36%, 55%, 59%
CMY	0.6431, 0.4470, 0.4118
CMYK	0.39, 0.06, 0.00, 0.41
HSL	189°, 24%, 47%
HSV	189°, 39%, 59%
XYZ	19.3443, 23.4759, 32.3659
YIQ	127.0760, -32.6890, -7.8010

Conversions

Conversions Part 2

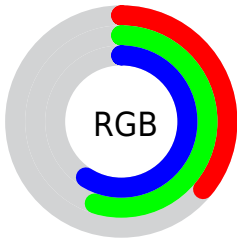
Format	Color
R _Y B	91, 118, 150
Decimal	6000022
CIE Lab	55.56, -14.34, -10.10
CIE LCh	56, 17.536, 215.163
Yxy	23.4759, 0.2573, 0.3122
Android (android.graphics.Color)	4284190102 (0xFF5B8D96)
YUV	127.0760, 11.3015, -31.6387
Hunter-Lab	48.4519, -13.5253, -5.6894

Details

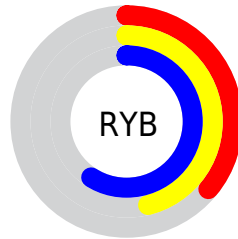
The XYZ color **19.3443, 23.4759, 32.3659** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0236, 16.3541, 12.0522**, and the grayscale version is **20.1699, 21.2203, 23.1090**.

A 20% lighter version of the original color is **41.9158, 49.3191, 64.4371**, and **6.8299, 8.8144, 13.1457** is the 20% darker color. If you saturate the color by 10%, you get **17.6772, 22.1214, 32.1927**, and if you desaturate by 10%, it is **21.3154, 24.9986, 32.5563**.

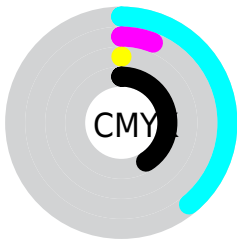
Distribution



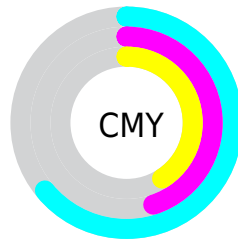
- Red (36%)
- Green (55%)
- Blue (59%)



- Red (36%)
- Yellow (46%)
- Blue (59%)



- Cyan (39%)
- Magenta (6%)
- Yellow (0%)
- Black (41%)



- Cyan (64%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3443, 23.4759, 32.3659 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 19.3443, 23.4759, 32.3659 by changing the saturation by 10% instead.

■ 19.3443, 23.4759,
32.3659

■ 19.3443, 23.4759,
32.3659

241.2447,
270.1600, 327.3266

■ 12.0248, 14.9453,
21.3740

■ 41.8275, 49.1736,
64.4888

■ 6.8329, 8.7810,
13.2038

■ 57.7219, 67.1095,
86.4569

■ 3.4032, 4.5986,
7.4366

■ 77.2052, 88.9492,
112.9209

■ 1.3704, 2.0137,
3.6541

■ 100.6430,
115.0772, 144.2991

■ 0.2350, 0.6154,
1.4376

128.4005,
145.8779, 181.0103

■ 0.0000, 0.0000,
0.1708

160.8430,

■ 0.0000, 0.0000,

181.7357, 223.4729

0.0000

198.3360,
223.0349, 272.1055

■ 19.3443, 23.4759,
32.3659

■ 19.3443, 23.4759,
32.3659

■ 17.6772, 22.1214,
32.1927

■ 21.3154, 24.9986,
32.5563

■ 16.2941, 20.9230,
32.0343

■ 23.6047, 26.6952,
32.7631

■ 15.1762, 19.8716,
31.8903

■ 26.2279, 28.5743,
32.9876

■ 14.3013, 18.9556,
31.7596

■ 29.1991, 30.6435,
33.2304

■ 13.6435, 18.1616,
31.6410

■ 32.5317, 32.9095,
33.4921

■ 13.1426, 17.4585,
31.5317

■ 36.2383, 35.3790,
33.7734

■ 13.1103, 17.4125,
31.5245

■ 40.3309, 38.0581,
34.0748

■ 44.8208, 40.9528,
34.3969

■ 49.7191, 44.0689,
34.7402

Harmonies

Analogous

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



18.7335, 23.4759, 26.5546



19.3443, 23.4759, 32.3659



20.7525, 23.4759, 36.7829

Triad

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



19.3443, 23.4759, 32.3659



25.9481, 23.4759, 30.4181



21.9724, 23.4759, 16.1704

Complementary

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



19.3443, 23.4759, 32.3659



19.0236, 16.3541, 12.0522

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.



23.9501, 23.4759, 16.8912



19.3443, 23.4759, 32.3659



26.3220, 23.4759, 24.5930

Square

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



19.3443, 23.4759, 32.3659



24.5774, 23.4759, 35.5469



25.5712, 23.4759, 19.7842



20.1924, 23.4759, 17.6462

Rectangle

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



19.3443, 23.4759, 32.3659



21.9938, 23.4759, 38.0323



25.5712, 23.4759, 19.7842



22.6356, 23.4759, 16.1664

Sweetspot

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



19.3450, 23.4768, 32.3664



44.8789, 49.4295, 58.0967



17.5143, 24.9545, 15.9128



9.8268, 10.8694, 12.8649



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.3450, 23.4768, 32.3664



31.5785, 39.3579, 56.8537



15.5756, 15.9381, 31.1100



5.8896, 6.4131, 7.3972



10.8919, 14.4786, 26.1516



0.1497, 0.2100, 0.3255

Inverse Universe

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



21.1271, 15.8900, 27.1538



35.2475, 24.3781, 45.9783



22.3630, 23.0328, 13.1653



5.9977, 5.8941, 7.0940



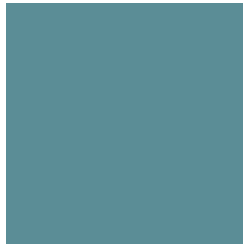
13.6248, 6.6550, 17.3031



0.1750, 0.0848, 0.2554

Previews

White Background



This preview shows how the XYZ color 19.3443, 23.4759, 32.3659 looks on a white background.

Color Contrast Check

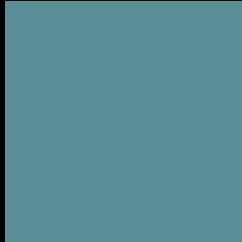
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3443, 23.4759, 32.3659 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

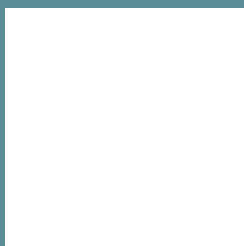
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.3443, 23.4759, 32.3659

Background



This preview shows how black text looks on a background with the XYZ color 19.3443, 23.4759, 32.3659.



This preview shows how white text looks on a background with the XYZ color 19.3443, 23.4759,

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

19.3443, 23.4759, 32.3659

Protanopia

22.8010, 23.4217, 29.7046

Deuteranopia

23.6711, 23.2018, 32.9365



Tritanopia

19.6060, 23.5921, 33.2261

Trichromacy



Original Color

19.3443, 23.4759, 32.3659

Protanomaly

21.1884, 23.1852, 30.5526

Deuteranomaly

21.7192, 23.0025, 32.5734

Tritanomaly

19.5244, 23.5594, 32.7965

Monochromacy



Original Color

19.3443, 23.4759, 32.3659

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.5639, 21.8292, 26.1040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3443, 23.4759, 32.3659 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(91, 141, 150)` looks like.

```
.text, #text, p{  
    color:rgb(91, 141, 150)  
}
```

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(91, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 141, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.3443, 23.4759, 32.3659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

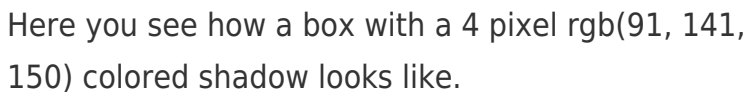
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 141, 150) }
```


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

```
.border{ border-color:rgb(91, 141, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(91, 141,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3443, 23.4759, 32.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 141, 150) }
```

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

```
.background{ background-color: rgb(91, 141,  
150) }
```

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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