

Converting Colors

XYZ(19.6632, 23.1590, 34.4441)

Have a look what the booklet for
XYZ(19.6632, 23.1590, 34.4441)
contains.

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Color

**XYZ(19.6632, 23.1590,
34.4441)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8B9B
RGB	93, 139, 155
RGB Percent	36%, 55%, 61%
CMY	0.6353, 0.4549, 0.3922
CMYK	0.40, 0.10, 0.00, 0.39
HSL	195°, 25%, 49%
HSV	195°, 40%, 61%
XYZ	19.6632, 23.1590, 34.4441
YIQ	127.0700, -32.5520, -4.7760

Conversions

Conversions Part 2

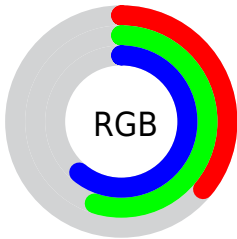
Format	Color
R_{YB}	93, 119, 155
Decimal	6130587
CIE _{Lab}	55.24, -11.33, -13.45
CIE _{LCh}	55, 17.592, 229.888
Yxy	23.1590, 0.2545, 0.2997
Android (android.graphics.Color)	4284320667 (0xFF5D8B9B)
YUV	127.0700, 13.7695, -29.8794
Hunter-Lab	48.1238, -11.2822, -8.7495

Details

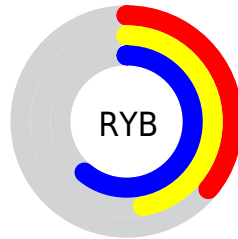
The XYZ color **19.6632, 23.1590, 34.4441** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.9623, 18.6964, 12.8604**, and the grayscale version is **20.1596, 21.2095, 23.0971**.

A 20% lighter version of the original color is **42.4326, 48.8544, 67.5150**, and **6.9855, 8.6157, 14.3915** is the 20% darker color. If you saturate the color by 10%, you get **17.6821, 21.2942, 34.1890**, and if you desaturate by 10%, it is **21.9849, 25.2320, 34.7223**.

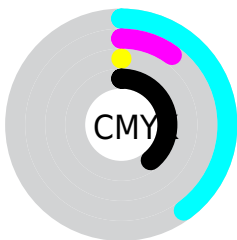
Distribution



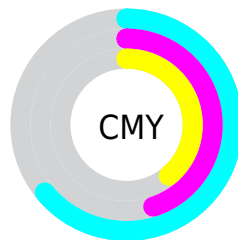
- Red (36%)
- Green (55%)
- Blue (61%)



- Red (36%)
- Yellow (47%)
- Blue (61%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (64%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6632, 23.1590, 34.4441 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 19.6632, 23.1590, 34.4441 by changing the saturation by 10% instead.

■ 19.6632, 23.1590,
34.4441

■ 19.6632, 23.1590,
34.4441

242.9544,
268.5406, 336.9372

■ 12.2573, 14.7110,
22.9549

■ 42.3601, 48.6543,
67.7655

■ 6.9926, 8.6168,
14.3552

■ 58.3817, 66.4703,
90.4347

■ 3.5038, 4.4921,
8.2266

■ 78.0060, 88.1778,
117.6676

■ 1.4254, 1.9525,
4.1504

■ 101.5983,
114.1611, 149.8828

■ 0.2742, 0.5796,
1.7082

129.5239,
144.8046, 187.4988

■ 0.0000, 0.0000,
0.3664

162.1482,

■ 0.0000, 0.0000,

180.4928, 230.9342

0.0000

199.8366,
221.6100, 280.6075

■ 19.6632, 23.1590,
34.4441

■ 19.6632, 23.1590,
34.4441

■ 17.6821, 21.2942,
34.1890

■ 21.9849, 25.2320,
34.7223

■ 16.0200, 19.6243,
33.9543

■ 24.6630, 27.5199,
35.0227

■ 14.6558, 18.1389,
33.7394

■ 27.7149, 30.0327,
35.3469

■ 13.5651, 16.8249,
33.5433

■ 31.1561, 32.7785,
35.6955

■ 12.7191, 15.6672,
33.3644

■ 35.0012, 35.7654,
36.0694

■ 12.0478, 14.6292,
33.1995

■ 39.2641, 39.0006,
36.4692

■ 12.0477, 14.6291,
33.1994

■ 43.9580, 42.4914,
36.8956

■ 49.0955, 46.2445,
37.3492

■ 54.6886, 50.2665,
37.8307

Harmonies

Analogous

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



18.6424, 23.1590, 29.0849



19.6632, 23.1590, 34.4441



21.3543, 23.1590, 37.4584

Triad

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



19.6632, 23.1590, 34.4441



25.9507, 23.1590, 27.1668



20.7498, 23.1590, 16.3377

Complementary

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



19.6632, 23.1590, 34.4441



20.9623, 18.6964, 12.8604

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.



22.6829, 23.1590, 15.9824



19.6632, 23.1590, 34.4441



25.7649, 23.1590, 21.7068

Square

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



19.6632, 23.1590, 34.4441



25.0341, 23.1590, 32.8614



24.5406, 23.1590, 17.8039



19.2433, 23.1590, 18.8595

Rectangle

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



19.6632, 23.1590, 34.4441



22.6681, 23.1590, 37.4679



24.5406, 23.1590, 17.8039



21.3686, 23.1590, 15.9770

Sweetspot

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



19.6639, 23.1599, 34.4446



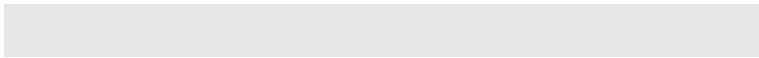
48.3527, 52.7432, 63.1683



18.9695, 26.8637, 18.5132



10.7936, 11.8148, 14.2820



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.



19.6639, 23.1599, 34.4446



32.0158, 38.4732, 61.2750



15.8465, 15.5252, 33.1722



6.2496, 6.7566, 7.9037



9.7084, 11.8135, 26.6763



0.1737, 0.2338, 0.4083

Inverse Universe

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



22.0927, 16.6619, 26.4788



37.1210, 25.6874, 44.3351



24.7990, 26.3697, 14.1393



6.3931, 6.2964, 7.4502



13.3591, 6.5979, 13.6821



0.2141, 0.1044, 0.2805

Previews

White Background



This preview shows how the XYZ color 19.6632, 23.1590, 34.4441 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 19.6632, 23.1590, 34.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

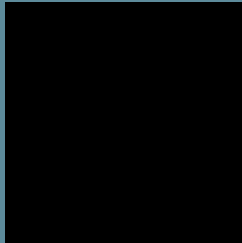
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.6632, 23.1590, 34.4441

Background



This preview shows how black text looks on a background with the XYZ color 19.6632, 23.1590, 34.4441.



This preview shows how white text looks on a background with the XYZ color 19.6632, 23.1590,

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

19.6632, 23.1590, 34.4441

Protanopia

22.6746, 23.1017, 32.1182

Deuteranopia

23.4518, 23.0404, 35.1095



Tritanopia

19.3776, 23.2658, 32.7476

Trichromacy



Original Color

19.6632, 23.1590, 34.4441

Protanomaly

21.3951, 23.0302, 33.0234

Deuteranomaly

21.8595, 23.0269, 34.7450

Tritanomaly

19.4592, 23.2985, 33.1772

Monochromacy



Original Color

19.6632, 23.1590, 34.4441

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7019, 21.6836, 26.8139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6632, 23.1590, 34.4441 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(93, 139, 155)` looks like.

```
.text, #text, p{  
    color:rgb(93, 139, 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(93, 139, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 139, 155) }
```

Border

The CSS property to change the border of an element to XYZ 19.6632, 23.1590, 34.4441 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(93, 139, 155) }
```


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

```
.border{ border-color:rgb(93, 139, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 139, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 139, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 139, 155);  
box-shadow:4px 4px 4px 4px rgb(93, 139,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6632, 23.1590, 34.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 139, 155) }
```

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

```
.background{ background-color: rgb(93, 139,  
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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