

Converting Colors

XYZ(19.9201, 23.5548, 32.3508)

Have a look what the booklet for
XYZ(19.9201, 23.5548, 32.3508)
contains.

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Color

**XYZ(19.9201, 23.5548,
32.3508)**

Conversions

Conversions Part 1

Format	Color
Hex	628C96
RGB	98, 140, 150
RGB Percent	38%, 55%, 59%
CMY	0.6157, 0.4510, 0.4118
CMYK	0.35, 0.07, 0.00, 0.41
HSL	192°, 21%, 49%
HSV	192°, 35%, 59%
XYZ	19.9201, 23.5548, 32.3508
YIQ	128.5820, -28.2420, -5.7940

Conversions

Conversions Part 2

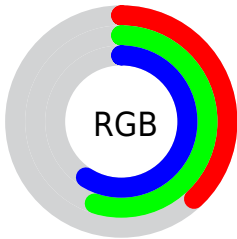
Format	Color
R _{YB}	98, 121, 150
Decimal	6458518
CIE Lab	55.64, -11.79, -9.94
CIE LCh	56, 15.422, 220.131
Yxy	23.5548, 0.2627, 0.3106
Android (android.graphics.Color)	4284648598 (0xFF628C96)
YUV	128.5820, 10.5591, -26.8204
Hunter-Lab	48.5333, -11.6694, -5.5476

Details

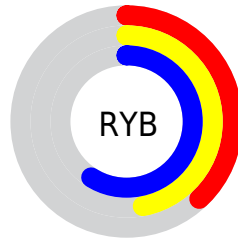
The XYZ color **19.9201, 23.5548, 32.3508** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.1452, 18.0913, 13.9861**, and the grayscale version is **20.6921, 21.7697, 23.7072**.

A 20% lighter version of the original color is **42.9534, 49.5225, 64.4217**, and **7.1272, 8.8416, 13.1353** is the 20% darker color. If you saturate the color by 10%, you get **18.0351, 21.9661, 32.1439**, and if you desaturate by 10%, it is **22.1210, 25.3239, 32.5767**.

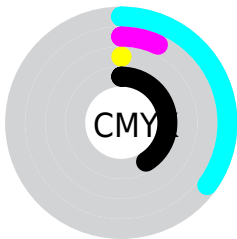
Distribution



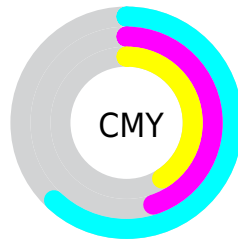
- Red (38%)
- Green (55%)
- Blue (59%)



- Red (38%)
- Yellow (47%)
- Blue (59%)



- Cyan (35%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (62%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9201, 23.5548, 32.3508 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 19.9201, 23.5548, 32.3508 by changing the saturation by 10% instead.

■ 19.9201, 23.5548,
32.3508

■ 19.9201, 23.5548,
32.3508

244.3241,
270.5619, 327.2560

■ 12.4449, 15.0037,
21.3626

■ 42.7882, 49.3027,
64.4649

■ 7.1218, 8.8220,
13.1955

■ 58.9117, 67.2683,
86.4279

■ 3.5854, 4.6253,
7.4310

■ 78.6488, 89.1409,
112.8861

■ 1.4704, 2.0291,
3.6505

■ 102.3647,
115.3048, 144.2582

■ 0.3055, 0.6243,
1.4357

130.4248,
146.1445, 180.9627

■ 0.0000, 0.0000,
0.1693

163.1945,

■ 0.0000, 0.0000,

182.0443, 223.4182

0.0000

201.0392,
223.3886, 272.0431

■ 19.9201, 23.5548,
32.3508

■ 19.9201, 23.5548,
32.3508

■ 18.0351, 21.9661,
32.1439

■ 22.1210, 25.3239,
32.5767

■ 16.4466, 20.5460,
31.9535

■ 24.6512, 27.2787,
32.8206

■ 15.1367, 19.2856,
31.7793

■ 27.5263, 29.4279,
33.0839

■ 14.0845, 18.1742,
31.6202

■ 30.7599, 31.7787,
33.3673

■ 13.2659, 17.1990,
31.4751

■ 34.3650, 34.3380,
33.6712

■ 12.6507, 16.3445,
31.3426

■ 38.3541, 37.1122,
33.9965

■ 12.3617, 15.9152,
31.2750

■ 42.7388, 40.1074,
34.3435

■ 47.5304, 43.3296,
34.7129

■ 52.7396, 46.7845,
35.1052

Harmonies

Analogous

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



19.2457, 23.5548, 27.3744



19.9201, 23.5548, 32.3508



21.2673, 23.5548, 35.7846

Triad

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



19.9201, 23.5548, 32.3508



25.6934, 23.5548, 29.0528



21.8033, 23.5548, 17.3049

Complementary

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



19.9201, 23.5548, 32.3508



20.1452, 18.0913, 13.9861

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.



23.5477, 23.5548, 17.6316



19.9201, 23.5548, 32.3508



25.8553, 23.5548, 23.9942

Square

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



19.9201, 23.5548, 32.3508



24.6205, 23.5548, 33.7159



25.0520, 23.5548, 19.9402



20.2949, 23.5548, 18.9809

Rectangle

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



19.9201, 23.5548, 32.3508



22.3958, 23.5548, 36.5034



25.0520, 23.5548, 19.9402



22.3805, 23.5548, 17.1899

Sweetspot

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



19.9208, 23.5557, 32.3513



45.6938, 49.7918, 58.1237



18.6259, 25.4827, 17.9951



9.9861, 10.9293, 12.8681



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.



19.9208, 23.5557, 32.3513



32.3988, 39.2574, 56.7911



16.6127, 16.9395, 31.2486



5.8703, 6.3747, 7.3908



10.2745, 13.2438, 25.9458



0.1453, 0.2012, 0.3241

Inverse Universe

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



21.6796, 17.1135, 26.9725



36.0865, 26.3409, 45.3802



23.2435, 24.2879, 15.0189



5.9880, 5.8903, 7.0429



13.3132, 6.5303, 15.6620



0.1728, 0.0839, 0.2437

Previews

White Background



This preview shows how the XYZ color 19.9201, 23.5548, 32.3508 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 19.9201, 23.5548, 32.3508 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

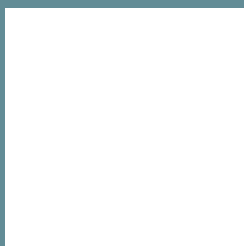
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9201, 23.5548, 32.3508

Background



This preview shows how black text looks on a background with the XYZ color 19.9201, 23.5548, 32.3508.



This preview shows how white text looks on a background with the XYZ color 19.9201, 23.5548,

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

19.9201, 23.5548, 32.3508

Protanopia

22.8778, 23.4524, 30.1090

Deuteranopia

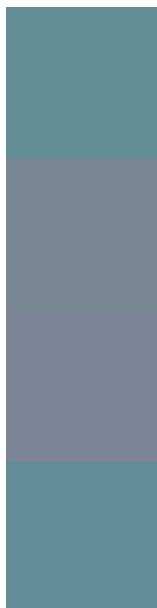
23.8343, 23.2859, 32.9442



Tritanopia

20.0010, 23.5872, 32.7768

Trichromacy



Original Color

19.9201, 23.5548, 32.3508

Protanomaly

21.6762, 23.4276, 30.9833

Deuteranomaly

22.1418, 23.2204, 32.5931

Tritanomaly

20.0010, 23.5872, 32.7768

Monochromacy



Original Color

19.9201, 23.5548, 32.3508

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.3741, 22.4328, 26.9230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9201, 23.5548, 32.3508 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(98, 140, 150) looks like.

```
.text, #text, p{  
    color:rgb(98, 140, 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(98, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 140, 150) }
```

Border

The CSS property to change the border of an element to XYZ 19.9201, 23.5548, 32.3508 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(98, 140, 150) }
```


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

```
.border{ border-color:rgb(98, 140, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 140, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(98, 140,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9201, 23.5548, 32.3508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 140, 150) }
```

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

```
.background{ background-color: rgb(98, 140,  
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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