

Converting Colors

XYZ(18.9253, 22.1900, 32.1398)

Have a look what the booklet for
XYZ(18.9253, 22.1900, 32.1398)
contains.

XYZ(18.9253, 22.1900, 32.1398)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(18.9253, 22.1900,
32.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8896
RGB	94, 136, 150
RGB Percent	37%, 53%, 59%
CMY	0.6314, 0.4667, 0.4118
CMYK	0.37, 0.09, 0.00, 0.41
HSL	195°, 23%, 48%
HSV	195°, 37%, 59%
XYZ	18.9253, 22.1900, 32.1398
YIQ	125.0380, -29.5260, -4.5500

Conversions

Conversions Part 2

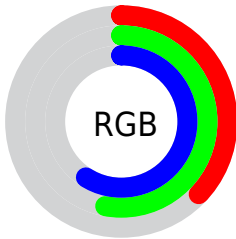
Format	Color
R _Y B	94, 118, 150
Decimal	6195350
CIE Lab	54.23, -10.74, -12.08
CIE LCh	54, 16.164, 228.374
Yxy	22.1900, 0.2583, 0.3029
Android (android.graphics.Color)	4284385430 (0xFF5E8896)
YUV	125.0380, 12.3063, -27.2203
Hunter-Lab	47.1063, -10.7222, -7.4782

Details

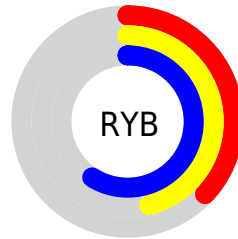
The XYZ color **18.9253, 22.1900, 32.1398** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.9611, 18.0177, 13.0161**, and the grayscale version is **19.4734, 20.4875, 22.3109**.

A 20% lighter version of the original color is **40.9507, 46.8658, 64.0144**, and **6.5762, 8.0700, 13.0154** is the 20% darker color. If you saturate the color by 10%, you get **17.0153, 20.4356, 31.9022**, and if you desaturate by 10%, it is **21.1540, 24.1373, 32.3986**.

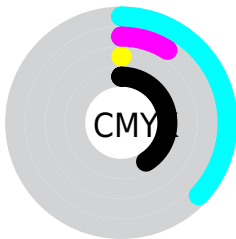
Distribution



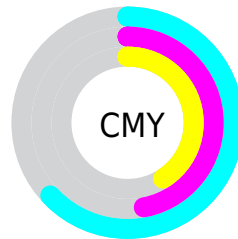
- Red (37%)
- Green (53%)
- Blue (59%)



- Red (37%)
- Yellow (46%)
- Blue (59%)



- Cyan (37%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



- Cyan (63%)
- Magenta (47%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9253, 22.1900, 32.1398 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 18.9253, 22.1900, 32.1398 by changing the saturation by 10% instead.

■ 18.9253, 22.1900,
32.1398

■ 18.9253, 22.1900,
32.1398

238.9821,
263.5369, 326.2679

■ 11.7200, 13.9966,
21.2026

■ 41.1257, 47.0598,
64.1306

■ 6.6242, 8.1183,
13.0795

■ 56.8515, 64.5050,
86.0214

■ 3.2724, 4.1707,
7.3519

■ 76.1482, 85.8029,
112.4003

■ 1.2994, 1.7695,
3.6014

■ 99.3811, 111.3379,
143.6861

■ 0.1828, 0.4681,
1.4093

126.9155,
141.4944, 180.2972

■ 0.0000, 0.0000,
0.1490

159.1170,

■ 0.0000, 0.0000,

176.6568, 222.6522

0.0000

196.3507,
217.2095, 271.1696

■ 18.9253, 22.1900,
32.1398

■ 18.9253, 22.1900,
32.1398

■ 17.0153, 20.4356,
31.9022

■ 21.1540, 24.1373,
32.3986

■ 15.4046, 18.8620,
31.6834

■ 23.7157, 26.2833,
32.6778

■ 14.0742, 17.4599,
31.4829

■ 26.6260, 28.6371,
32.9787

■ 13.0026, 16.2177,
31.2996

■ 29.8990, 31.2061,
33.3021

■ 12.1646, 15.1223,
31.1323

■ 33.5480, 33.9974,
33.6485

■ 11.5167, 14.1509,
30.9790

■ 37.5856, 37.0178,
34.0187

■ 11.3550, 13.9018,
30.9394

■ 42.0238, 40.2737,
34.4133

■ 46.8740, 43.7713,
34.8327

■ 52.1473, 47.5166,
35.2777

Harmonies

Analogous

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



18.0443, 22.1900, 27.3414



18.9253, 22.1900, 32.1398



20.4174, 22.1900, 34.9320

Triad

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



18.9253, 22.1900, 32.1398



24.5763, 22.1900, 26.1640



20.0437, 22.1900, 16.0925

Complementary

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



18.9253, 22.1900, 32.1398



19.9611, 18.0177, 13.0161

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.



21.7791, 22.1900, 15.8688



18.9253, 22.1900, 32.1398



24.4625, 22.1900, 21.2376

Square

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



18.9253, 22.1900, 32.1398



23.7186, 22.1900, 31.1754



23.4158, 22.1900, 17.6260



18.6649, 22.1900, 18.2868

Rectangle

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



18.9253, 22.1900, 32.1398



21.5868, 22.1900, 35.0541



23.4158, 22.1900, 17.6260



20.6027, 22.1900, 15.7968

Sweetspot

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



18.9260, 22.1909, 32.1403



44.9184, 48.8793, 57.9884



18.1804, 25.2558, 17.8456



9.8169, 10.7212, 12.8368



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.



18.9260, 22.1909, 32.1403



30.4817, 36.4912, 56.3582



15.5833, 15.5054, 31.0261



5.8426, 6.3192, 7.3815



9.4436, 11.5821, 25.6689



0.1389, 0.1884, 0.3220

Inverse Universe

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



21.0249, 16.2677, 25.3253



34.8582, 24.8515, 41.9888



23.2718, 24.6393, 14.1196



5.9740, 5.8847, 6.9692



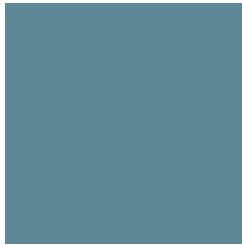
12.8938, 6.3626, 13.4536



0.1696, 0.0826, 0.2267

Previews

White Background



This preview shows how the XYZ color 18.9253, 22.1900, 32.1398 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 18.9253, 22.1900, 32.1398 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

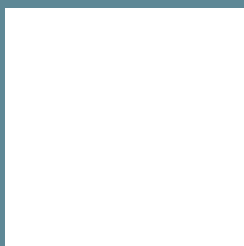
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.9253, 22.1900, 32.1398

Background



This preview shows how black text looks on a background with the XYZ color 18.9253, 22.1900, 32.1398.



This preview shows how white text looks on a background with the XYZ color 18.9253, 22.1900,

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

18.9253, 22.1900, 32.1398

Protanopia

21.5824, 21.9947, 29.8960

Deuteranopia

22.4884, 22.0140, 32.7696



Tritanopia

18.5848, 22.0421, 30.8788

Trichromacy



Original Color

18.9253, 22.1900, 32.1398

Protanomaly

20.4530, 21.9840, 30.7691

Deuteranomaly

21.0398, 22.0512, 32.4255

Tritanomaly

18.6637, 22.0736, 31.2939

Monochromacy



Original Color

18.9253, 22.1900, 32.1398

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.0928, 20.9992, 25.6012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9253, 22.1900, 32.1398 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(94, 136, 150)` looks like.

```
.text, #text, p{  
    color:rgb(94, 136, 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(94, 136, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 136, 150) }
```

Border

The CSS property to change the border of an element to XYZ 18.9253, 22.1900, 32.1398 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(94, 136, 150) }
```


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

```
.border{ border-color:rgb(94, 136, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 136, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 136, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 136, 150);  
box-shadow:4px 4px 4px 4px rgb(94, 136,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9253, 22.1900, 32.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 136, 150) }
```

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

```
.background{ background-color: rgb(94, 136,  
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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