

Converting Colors

XYZ(20.1739, 23.0775, 31.2343)

Have a look what the booklet for
XYZ(20.1739, 23.0775, 31.2343)
contains.

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Color

**XYZ(20.2348, 23.0936,
31.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	6A8994
RGB	106, 137, 148
RGB Percent	42%, 54%, 58%
CMY	0.5843, 0.4627, 0.4196
CMYK	0.28, 0.07, 0.00, 0.42
HSL	196°, 17%, 50%
HSV	196°, 28%, 58%
XYZ	20.2348, 23.0936, 31.4080
YIQ	128.9850, -22.0070, -3.1510

Conversions

Conversions Part 2

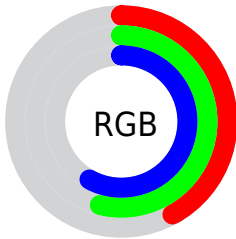
Format	Color
R_{YB}	106, 124, 148
Decimal	6982036
CIE _{Lab}	55.17, -8.21, -9.44
CIE _{LCh}	55, 12.510, 229.004
Yxy	23.0936, 0.2707, 0.3090
Android (android.graphics.Color)	4285172116 (0xFF6A8994)
YUV	128.9850, 9.3744, -20.1578
Hunter-Lab	48.0558, -8.9369, -5.1113

Details

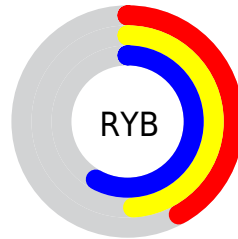
The XYZ color **20.2348, 23.0936, 31.4080** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1758, 20.0592, 16.3919**, and the grayscale version is **20.8353, 21.9203, 23.8712**.

A 20% lighter version of the original color is **43.1747, 48.3603, 62.9360**, and **7.2532, 8.5493, 12.5772** is the 20% darker color. If you saturate the color by 10%, you get **18.0846, 21.1824, 31.1528**, and if you desaturate by 10%, it is **22.7098, 25.2027, 31.6850**.

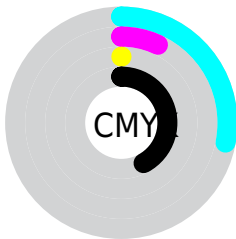
Distribution



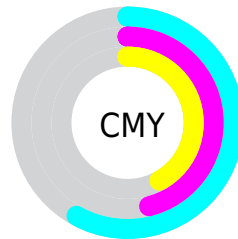
- Red (42%)
- Green (54%)
- Blue (58%)



- Red (42%)
- Yellow (49%)
- Blue (58%)



- Cyan (28%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2348, 23.0936, 31.4080 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 20.2348, 23.0936, 31.4080 by changing the saturation by 10% instead.

■ 20.2348, 23.0936,
31.4080

■ 20.2348, 23.0936,
31.4080

245.9928,
268.2054, 322.8228

■ 12.6751, 14.6626,
20.6487

■ 43.3114, 48.5470,
62.9689

■ 7.2806, 8.5830,
12.6787

■ 59.5591, 66.3382,
84.6076

■ 3.6861, 4.4702,
7.0796

■ 79.4334, 88.0182,
110.7098

■ 1.5261, 1.9399,
3.4327

■ 103.2998,
113.9716, 141.6941

■ 0.3435, 0.5722,
1.3196

131.5235,
144.5825, 177.9790

■ 0.0000, 0.0000,
0.0778

164.4701,

■ 0.0000, 0.0000,

180.2356, 219.9831

0.0000

202.5047,
221.3151, 268.1248

■ 20.2348, 23.0936,
31.4080

■ 20.2348, 23.0936,
31.4080

■ 18.0846, 21.1824,
31.1528

■ 22.7098, 25.2027,
31.6850

■ 16.2413, 19.4580,
30.9171

■ 25.5221, 27.5148,
31.9831

■ 14.6884, 17.9120,
30.7006

■ 28.6861, 30.0383,
32.3034

■ 13.4068, 16.5344,
30.5022

■ 32.2150, 32.7801,
32.6466

■ 12.3754, 15.3138,
30.3210

■ 36.1208, 35.7468,
33.0134

■ 11.5692, 14.2372,
30.1557

■ 40.4154, 38.9447,
33.4043

■ 10.9377, 13.2781,
30.0038

■ 45.1098, 42.3799,
33.8199

■ 10.8401, 13.1276,
29.9799

■ 50.2149, 46.0581,
34.2609

■ 55.7409, 49.9850,
34.7276

Harmonies

Analogous

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



19.5073, 23.0936, 27.7336



20.2348, 23.0936, 31.4080



21.4415, 23.0936, 33.4756

Triad

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



20.2348, 23.0936, 31.4080



24.6929, 23.0936, 26.6407



21.0868, 23.0936, 18.5517

Complementary

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



20.2348, 23.0936, 31.4080



21.1758, 20.0592, 16.3919

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.



22.4660, 23.0936, 18.3256



20.2348, 23.0936, 31.4080



24.5880, 23.0936, 22.7228

Square

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



20.2348, 23.0936, 31.4080



24.0397, 23.0936, 30.5353



23.7590, 23.0936, 19.7754



19.9846, 23.0936, 20.4296

Rectangle

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



20.2348, 23.0936, 31.4080



22.3728, 23.0936, 33.5318



23.7590, 23.0936, 19.7754



21.5322, 23.0936, 18.2880

Sweetspot

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



20.2355, 23.0945, 31.4085



44.6112, 48.2071, 56.3882



19.7158, 25.5171, 20.5625



10.0254, 10.8759, 12.8557



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.



20.2355, 23.0945, 31.4085



33.2479, 38.5833, 55.1296



17.5928, 17.8092, 30.5276



5.8369, 6.3078, 7.3796



9.2819, 11.2586, 25.6150



0.1376, 0.1858, 0.3215

Inverse Universe

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



21.8827, 18.4107, 26.0682



36.7001, 29.1528, 43.8507



23.8316, 25.3708, 17.2772



5.9711, 5.8835, 6.9541



12.8122, 6.3299, 13.0237



0.1689, 0.0823, 0.2232

Previews

White Background



This preview shows how the XYZ color 20.2348, 23.0936, 31.4080 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 20.2348, 23.0936, 31.4080 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

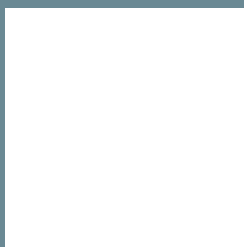
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.2348, 23.0936, 31.4080

Background



This preview shows how black text looks on a background with the XYZ color 20.2348, 23.0936, 31.4080.



This preview shows how white text looks on a background with the XYZ color 20.2348, 23.0936,

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

20.2348, 23.0936, 31.4080

Protanopia

22.3563, 22.9920, 29.6452

Deuteranopia

23.3775, 22.8746, 32.0373



Tritanopia

20.2348, 23.0936, 31.4080

Trichromacy



Original Color

20.2348, 23.0936, 31.4080

Protanomaly

21.3835, 22.8843, 30.0781

Deuteranomaly

21.9986, 22.7625, 31.6679

Tritanomaly

20.2348, 23.0936, 31.4080

Monochromacy



Original Color

20.2348, 23.0936, 31.4080

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.5804, 22.3450, 26.5209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2348, 23.0936, 31.4080 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(106, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(106, 137, 148)  
}
```

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(106, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 137, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.2348, 23.0936, 31.4080 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(106, 137, 148) }
```


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

```
.border{ border-color:rgb(106, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(106, 137,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2348, 23.0936, 31.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 137, 148) }
```

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

```
.background{ background-color: rgb(106,  
137, 148) }
```

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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