

Converting Colors

XYZ(20.4454, 23.3073, 31.2080)

Have a look what the booklet for
XYZ(20.4454, 23.3073, 31.2080)
contains.

XYZ(20.3965, 23.1860, 31.0041)	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(20.3965, 23.1860,
31.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8993
RGB	108, 137, 147
RGB Percent	42%, 54%, 58%
CMY	0.5765, 0.4627, 0.4235
CMYK	0.27, 0.07, 0.00, 0.42
HSL	195°, 15%, 50%
HSV	195°, 27%, 58%
XYZ	20.3965, 23.1860, 31.0041
YIQ	129.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

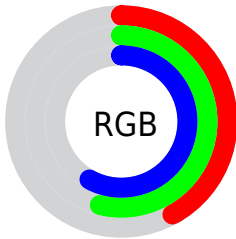
Format	Color
R_{YB}	108, 125, 147
Decimal	7113107
CIE _{Lab}	55.26, -7.82, -8.71
CIE _{LCh}	55, 11.707, 228.073
Yxy	23.1860, 0.2735, 0.3109
Android (android.graphics.Color)	4285303187 (0xFF6C8993)
YUV	129.4690, 8.6428, -18.8283
Hunter-Lab	48.1518, -8.6554, -4.4695

Details

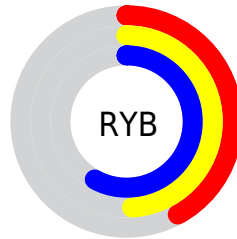
The XYZ color **20.3965, 23.1860, 31.0041** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.2183, 20.2430, 16.9770**, and the grayscale version is **21.0071, 22.1011, 24.0681**.

A 20% lighter version of the original color is **43.4533, 48.5175, 62.3329**, and **7.3231, 8.5907, 12.3385** is the 20% darker color. If you saturate the color by 10%, you get **18.2310, 21.2887, 30.7524**, and if you desaturate by 10%, it is **22.8836, 25.2780, 31.2772**.

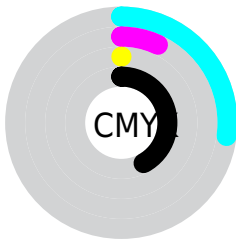
Distribution



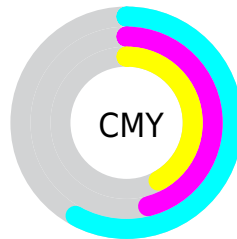
- Red (42%)
- Green (54%)
- Blue (58%)



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



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3965, 23.1860, 31.0041 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 20.3965, 23.1860, 31.0041 by changing the saturation by 10% instead.

■ 20.3965, 23.1860,
31.0041

■ 20.3965, 23.1860,
31.0041

246.8465,
268.6789, 320.9090

■ 12.7935, 14.7309,
20.3435

■ 43.5798, 48.6986,
62.3262

■ 7.3625, 8.6307,
12.4584

■ 59.8909, 66.5248,
83.8247

■ 3.7382, 4.5011,
6.9304

■ 79.8354, 88.2436,
109.7730

■ 1.5551, 1.9577,
3.3408

■ 103.7787,
114.2393, 140.5895

■ 0.3629, 0.5827,
1.2712

132.0860,
144.8962, 176.6928

■ 0.0000, 0.0000,
0.0380

165.1229,

■ 0.0000, 0.0000,

180.5989, 218.5015

0.0000

203.2546,
221.7317, 266.4340

■ 20.3965, 23.1860,
31.0041

■ 20.3965, 23.1860,
31.0041

■ 18.2310, 21.2887,
30.7524

■ 22.8836, 25.2780,
31.2772

■ 16.3696, 19.5751,
30.5198

■ 25.7045, 27.5696,
31.5708

■ 14.7966, 18.0374,
30.3059

■ 28.8731, 30.0688,
31.8862

■ 13.4935, 16.6658,
30.1098

■ 32.4022, 32.7824,
32.2240

■ 12.4400, 15.4495,
29.9305

■ 36.3035, 35.7168,
32.5848

■ 11.6123, 14.3759,
29.7669

■ 40.5886, 38.8781,
32.9691

■ 10.9735, 13.4258,
29.6172

■ 45.2683, 42.2723,
33.3776

■ 10.7686, 13.1107,
29.5672

■ 50.3531, 45.9049,
33.8108

■ 55.8530, 49.7814,
34.2691

Harmonies

Analogous

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



19.7280, 23.1860, 27.5512



20.3965, 23.1860, 31.0041



21.5210, 23.1860, 32.9847

Triad

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



20.3965, 23.1860, 31.0041



24.5960, 23.1860, 26.7665



21.2651, 23.1860, 18.9881

Complementary

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



20.3965, 23.1860, 31.0041



21.2183, 20.2430, 16.9770

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.



22.5624, 23.1860, 18.8229



20.3965, 23.1860, 31.0041



24.5208, 23.1860, 23.0724

Square

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



20.3965, 23.1860, 31.0041



23.9659, 23.1860, 30.3808



23.7644, 23.1860, 20.2483



20.2156, 23.1860, 20.7243

Rectangle

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



20.3965, 23.1860, 31.0041



22.3934, 23.1860, 33.0855



23.7644, 23.1860, 20.2483



21.6856, 23.1860, 18.7537

Sweetspot

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



20.3972, 23.1869, 31.0046



45.1646, 48.6766, 56.4497



19.8738, 25.3582, 20.9096



10.1429, 10.9771, 12.8690



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.



20.3972, 23.1869, 31.0046



34.0842, 39.4005, 55.2432



17.9005, 18.1935, 30.1724



5.8396, 6.3131, 7.3805



9.3561, 11.4071, 25.6397



0.1382, 0.1870, 0.3217

Inverse Universe

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



21.9112, 18.7350, 26.1292



37.3310, 30.2046, 44.7086



23.7211, 25.2488, 17.8113



5.9725, 5.8840, 6.9611



12.8496, 6.3449, 13.2211



0.1692, 0.0824, 0.2248

Previews

White Background



This preview shows how the XYZ color 20.3965, 23.1860, 31.0041 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 20.3965, 23.1860, 31.0041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

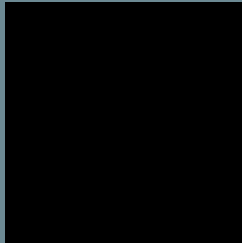
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3965, 23.1860, 31.0041

Background



This preview shows how black text looks on a background with the XYZ color 20.3965, 23.1860, 31.0041.



This preview shows how white text looks on a background with the XYZ color 20.3965, 23.1860,

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

20.3965, 23.1860, 31.0041

Protanopia

22.4343, 23.0411, 29.2516

Deuteranopia

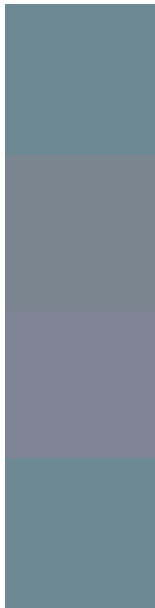
23.5916, 23.1888, 31.6662



Tritanopia

20.4753, 23.2176, 31.4193

Trichromacy



Original Color

20.3965, 23.1860, 31.0041

Protanomaly

21.5899, 22.9996, 29.6870

Deuteranomaly

22.2007, 23.0763, 31.3010

Tritanomaly

20.4753, 23.2176, 31.4193

Monochromacy



Original Color

20.3965, 23.1860, 31.0041

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 20.3965, 23.1860, 31.0041 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(108, 137, 147)` looks like.

```
.text, #text, p{  
    color:rgb(108, 137, 147)  
}
```

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(108, 137, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 137, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.3965, 23.1860, 31.0041 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(108, 137, 147) }
```


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

```
.border{ border-color:rgb(108, 137, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 137, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 137, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 137, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 137,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3965, 23.1860, 31.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 137, 147) }
```

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

```
.background{ background-color: rgb(108,  
137, 147) }
```

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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