

Converting Colors

XYZ(20.3063, 24.2193, 31.2083)

Have a look what the booklet for
XYZ(20.3063, 24.2193, 31.2083)
contains.

XYZ(20.3063, 24.2193, 31.2083)	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(20.3063, 24.2193,
31.2083)**

Conversions

Conversions Part 1

Format	Color
Hex	658E93
RGB	101, 142, 147
RGB Percent	40%, 56%, 58%
CMY	0.6039, 0.4431, 0.4235
CMYK	0.31, 0.03, 0.00, 0.42
HSL	187°, 19%, 49%
HSV	187°, 31%, 58%
XYZ	20.3063, 24.2193, 31.2083
YIQ	130.3110, -26.0410, -7.1370

Conversions

Conversions Part 2

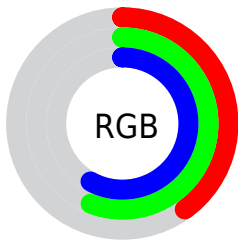
Format	Color
RYB	101, 123, 147
Decimal	6655635
CIELab	56.31, -12.76, -7.20
CIELCh	56, 14.652, 209.430
Yxy	24.2193, 0.2681, 0.3198
Android (android.graphics.Color)	4284845715 (0xFF658E93)
YUV	130.3110, 8.2277, -25.7057
Hunter-Lab	49.2131, -12.4703, -3.1493

Details

The XYZ color **20.3063, 24.2193, 31.2083** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.5359, 17.4509, 14.6512**, and the grayscale version is **21.3072, 22.4168, 24.4119**.

A 20% lighter version of the original color is **43.4194, 50.4692, 62.7114**, and **7.3037, 9.2026, 12.4577** is the 20% darker color. If you saturate the color by 10%, you get **18.5696, 22.9743, 31.0599**, and if you desaturate by 10%, it is **22.3423, 25.6248, 31.3727**.

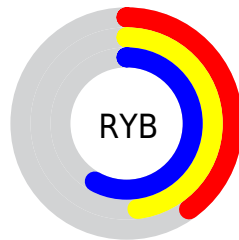
Distribution



Red (40%)

Green (56%)

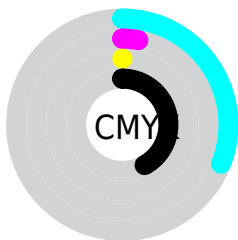
Blue (58%)



Red (40%)

Yellow (48%)

Blue (58%)

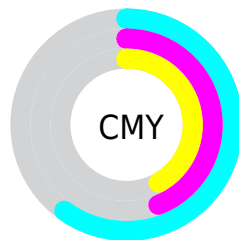


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3063, 24.2193, 31.2083 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 20.3063, 24.2193, 31.2083 by changing the saturation by 10% instead.

■ 20.3063, 24.2193,
31.2083

■ 20.3063, 24.2193,
31.2083

246.3706,
273.9273, 321.8777

■ 12.7274, 15.4964,
20.4977

■ 43.4302, 50.3878,
62.6513

■ 7.3168, 9.1685,
12.5697

■ 59.7059, 68.6022,
84.2208

■ 3.7091, 4.8512,
7.0057

■ 79.6113, 90.7492,
110.2470

■ 1.5389, 2.1602,
3.3872

■ 103.5117,
117.2133, 141.1484

■ 0.3521, 0.6982,
1.2956

131.7724,
148.3787, 177.3437

■ 0.0000, 0.0000,
0.0581

164.7589,

■ 0.0000, 0.0000,

184.6299, 219.2513

0.0000

202.8365,
226.3513, 267.2898

■ 20.3063, 24.2193,
31.2083

■ 20.3063, 24.2193,
31.2083

■ 18.5696, 22.9743,
31.0599

■ 22.3423, 25.6248,
31.3727

■ 17.1143, 21.8788,
30.9252

■ 24.6899, 27.1955,
31.5521

■ 15.9240, 20.9249,
30.8038

■ 27.3635, 28.9393,
31.7478

■ 14.9795, 20.1028,
30.6949

■ 30.3758, 30.8629,
31.9603

■ 14.2593, 19.4012,
30.5974

■ 33.7389, 32.9724,
32.1902

■ 13.7378, 18.8071,
30.5102

■ 37.4644, 35.2739,
32.4381

■ 13.3866, 18.3467,
30.4399

■ 41.5631, 37.7730,
32.7045

■ 46.0456, 40.4751,
32.9898

■ 50.9219, 43.3855,
33.2945

Harmonies

Analogous

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



19.9235, 24.2193, 26.2784



20.3063, 24.2193, 31.2083



21.4077, 24.2193, 35.2138

Triad

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



20.3063, 24.2193, 31.2083



25.9297, 24.2193, 31.3878



23.0520, 24.2193, 18.1231

Complementary

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



20.3063, 24.2193, 31.2083



19.5359, 17.4509, 14.6512

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.



24.7107, 24.2193, 19.1479



20.3063, 24.2193, 31.2083



26.4211, 24.2193, 26.4633

Square

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



20.3063, 24.2193, 31.2083



24.6521, 24.2193, 35.3260



25.9647, 24.2193, 22.0608



21.4610, 24.2193, 19.0733

Rectangle

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



20.3063, 24.2193, 31.2083



22.4293, 24.2193, 36.6076



25.9647, 24.2193, 22.0608



23.6204, 24.2193, 18.2459

Sweetspot

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



20.3070, 24.2203, 31.2089



45.1748, 49.3343, 56.5761



18.3818, 24.6669, 17.3198



10.1723, 11.1698, 12.9047



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.



20.3070, 24.2203, 31.2089



33.9875, 41.6774, 55.6878



17.2783, 18.1629, 30.1993



5.9109, 6.4557, 7.4043



11.6162, 15.9272, 26.3931



0.1546, 0.2197, 0.3272

Inverse Universe

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



21.5694, 17.4640, 27.8263



36.6792, 27.6351, 48.3936



22.1797, 22.7385, 15.5324



6.0085, 5.8984, 7.1507



13.9904, 6.8012, 19.2283



0.1775, 0.0857, 0.2683

Previews

White Background



This preview shows how the XYZ color 20.3063, 24.2193, 31.2083 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 20.3063, 24.2193, 31.2083 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

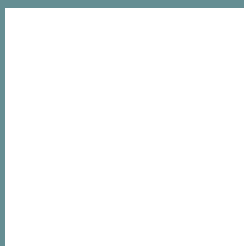
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.3063, 24.2193, 31.2083

Background



This preview shows how black text looks on a background with the XYZ color 20.3063, 24.2193, 31.2083.



This preview shows how white text looks on a background with the XYZ color 20.3063, 24.2193,

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

20.3063, 24.2193, 31.2083

Protanopia

23.3993, 24.1541, 29.0201

Deuteranopia

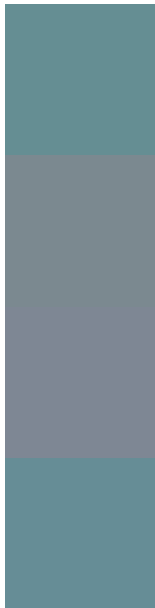
24.5256, 24.0652, 31.7862



Tritanopia

20.6719, 24.1415, 33.2760

Trichromacy



Original Color

20.3063, 24.2193, 31.2083

Protanomaly

22.1481, 24.1159, 29.8731

Deuteranomaly

22.6135, 23.9017, 31.4386

Tritanomaly

20.5094, 24.0765, 32.4204

Monochromacy



Original Color

20.3063, 24.2193, 31.2083

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5768, 22.7497, 26.5992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3063, 24.2193, 31.2083 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(101, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(101, 142, 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(101, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.3063, 24.2193, 31.2083 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(101, 142, 147) }
```


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

```
.border{ border-color:rgb(101, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(101, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3063, 24.2193, 31.2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 142, 147) }
```

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

```
.background{ background-color: rgb(101,  
142, 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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor