

Converting Colors

XYZ(21.0248, 25.4891, 31.4155)

Have a look what the booklet for
XYZ(21.0248, 25.4891, 31.4155)
contains.

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Color

**XYZ(21.0248, 25.4891,
31.4155)**

Conversions

Conversions Part 1

Format	Color
Hex	669293
RGB	102, 146, 147
RGB Percent	40%, 57%, 58%
CMY	0.6000, 0.4274, 0.4235
CMYK	0.31, 0.01, 0.00, 0.42
HSL	181°, 18%, 49%
HSV	181°, 31%, 58%
XYZ	21.0248, 25.4891, 31.4155
YIQ	132.9580, -26.5450, -9.0170

Conversions

Conversions Part 2

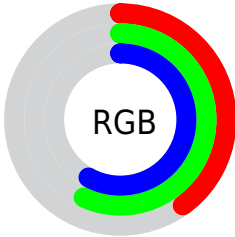
Format	Color
RYB	102, 124, 147
Decimal	6722195
CIELab	57.55, -14.63, -5.35
CIELCh	58, 15.578, 200.082
Yxy	25.4891, 0.2698, 0.3271
Android (android.graphics.Color)	4284912275 (0xFF669293)
YUV	132.9580, 6.9227, -27.1502
Hunter-Lab	50.4867, -14.0169, -1.5526

Details

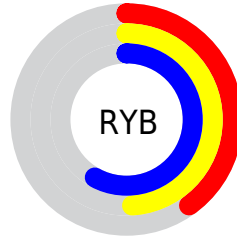
The XYZ color **21.0248, 25.4891, 31.4155** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.2814, 16.8630, 14.8095**, and the grayscale version is **22.2621, 23.4215, 25.5060**.

A 20% lighter version of the original color is **44.7145, 52.4942, 63.0340**, and **7.6661, 9.7775, 12.7925** is the 20% darker color. If you saturate the color by 10%, you get **19.4544, 24.6056, 31.3282**, and if you desaturate by 10%, it is **22.8923, 26.5272, 31.5179**.

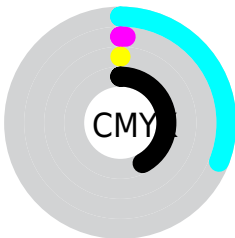
Distribution



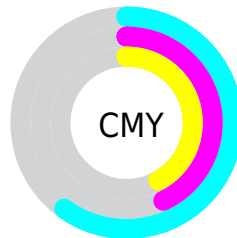
- Red (40%)
- Green (57%)
- Blue (58%)



- Red (40%)
- Yellow (49%)
- Blue (58%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (42%)



- Cyan (60%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0248, 25.4891, 31.4155 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 21.0248, 25.4891, 31.4155 by changing the saturation by 10% instead.

■ 21.0248, 25.4891,
31.4155

■ 21.0248, 25.4891,
31.4155

250.1395,
280.2650, 322.8583

■ 13.2547, 16.4418,
20.6543

■ 44.6198, 52.4496,
62.9809

■ 7.6824, 9.8373,
12.6828

■ 61.1753, 71.1316,
84.6222

■ 3.9425, 5.2912,
7.0823

■ 81.3901, 93.7939,
110.7272

■ 1.6696, 2.4191,
3.4344

■ 105.6295,
120.8211, 141.7146

■ 0.4372, 0.8357,
1.3205

134.2587,
152.5973, 178.0029

■ 0.0000, 0.0000,
0.0785

167.6432,

■ 0.0000, 0.0000,

189.5071, 220.0105

0.0000

206.1484,
231.9349, 268.1562

■ 21.0248, 25.4891,
31.4155

■ 21.0248, 25.4891,
31.4155

■ 19.4544, 24.6056,
31.3282

■ 22.8923, 26.5272,
31.5179

■ 18.1632, 23.8657,
31.2534

■ 25.0692, 27.7244,
31.6342

■ 17.1349, 23.2615,
31.1910

■ 27.5695, 29.0885,
31.7657

■ 16.3506, 22.7833,
31.1400

■ 30.4062, 30.6262,
31.9130

■ 15.7890, 22.4201,
31.0995

■ 33.5912, 32.3437,
32.0767

■ 15.4248, 22.1589,
31.0683

■ 37.1359, 34.2469,
32.2572

■ 15.2005, 21.9745,
31.0445

■ 41.0512, 36.3414,
32.4551

■ 45.3477, 38.6325,
32.6709

■ 50.0353, 41.1255,
32.9050

Harmonies

Analogous

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



20.8762, 25.4891, 26.0286



21.0248, 25.4891, 31.4155



22.0064, 25.4891, 36.3602

Triad

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



21.0248, 25.4891, 31.4155



27.0703, 25.4891, 34.8476



24.8470, 25.4891, 18.8480

Complementary

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



21.0248, 25.4891, 31.4155



19.2814, 16.8630, 14.8095

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.



26.5914, 25.4891, 20.6246



21.0248, 25.4891, 31.4155



27.9177, 25.4891, 29.5525

Square

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



21.0248, 25.4891, 31.4155



25.4737, 25.4891, 38.5106



27.7381, 25.4891, 24.3874



23.0209, 25.4891, 19.2127

Rectangle

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



21.0248, 25.4891, 31.4155



23.0302, 25.4891, 38.5230



27.7381, 25.4891, 24.3874



25.4638, 25.4891, 19.2049

Sweetspot

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



21.0255, 25.4901, 31.4161



45.4975, 49.9797, 56.6837



18.3493, 24.6669, 16.5608



10.2567, 11.3384, 12.9328



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.



21.0255, 25.4901, 31.4161



35.5893, 44.4892, 56.1461



17.9228, 19.2846, 30.3818



5.9532, 6.5404, 7.4184



13.1803, 19.0554, 26.9144



0.1641, 0.2389, 0.3304

Inverse Universe

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



21.9729, 17.7817, 29.4694



37.5834, 28.3631, 52.0259



21.7966, 21.8935, 15.6479



6.0298, 5.9070, 7.2632



14.7799, 7.1170, 23.3857



0.1823, 0.0877, 0.2937

Previews

White Background



This preview shows how the XYZ color 21.0248, 25.4891, 31.4155 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 21.0248, 25.4891, 31.4155 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

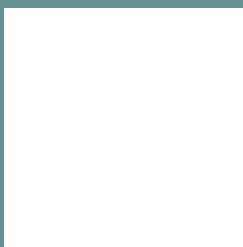
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0248, 25.4891, 31.4155

Background



This preview shows how black text looks on a background with the XYZ color 21.0248, 25.4891, 31.4155.

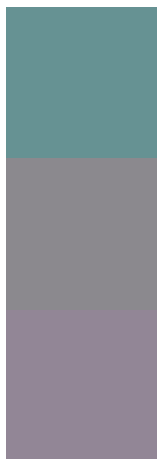


This preview shows how white text looks on a background with the XYZ color 21.0248, 25.4891,

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

21.0248, 25.4891, 31.4155

Protanopia

24.4756, 25.3333, 29.1910

Deuteranopia

25.8842, 25.3632, 32.3855



Tritanopia

21.8351, 25.5942, 35.2418

Trichromacy



Original Color

21.0248, 25.4891, 31.4155

Protanomaly

23.0163, 25.2054, 30.0376

Deuteranomaly

23.7192, 25.0927, 32.0270

Tritanomaly

21.4687, 25.4343, 33.9148

Monochromacy



Original Color

21.0248, 25.4891, 31.4155

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.7020, 24.1495, 27.5623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0248, 25.4891, 31.4155 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(102, 146, 147)` looks like.

```
.text, #text, p{  
    color:rgb(102, 146, 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(102, 146, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 146, 147) }
```

Border

The CSS property to change the border of an element to XYZ 21.0248, 25.4891, 31.4155 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(102, 146, 147) }
```


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

```
.border{ border-color:rgb(102, 146, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 146, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 146, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 146, 147);  
box-shadow:4px 4px 4px 4px rgb(102, 146,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0248, 25.4891, 31.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 146, 147) }
```

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

```
.background{ background-color: rgb(102,  
146, 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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