

Converting Colors

XYZ(20.0698, 22.5261, 30.8446)

Have a look what the booklet for
XYZ(20.0698, 22.5261, 30.8446)
contains.

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Color

**XYZ(20.1148, 22.6227,
30.9102)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8793
RGB	108, 135, 147
RGB Percent	42%, 53%, 58%
CMY	0.5765, 0.4706, 0.4235
CMYK	0.27, 0.08, 0.00, 0.42
HSL	198°, 15%, 50%
HSV	198°, 27%, 58%
XYZ	20.1148, 22.6227, 30.9102
YIQ	128.2950, -19.9440, -1.9920

Conversions

Conversions Part 2

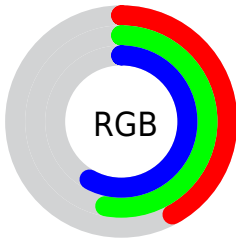
Format	Color
R_{YB}	108, 124, 147
Decimal	7112595
CIE _{Lab}	54.68, -6.70, -9.58
CIE _{LCh}	55, 11.690, 235.037
Yxy	22.6227, 0.2731, 0.3072
Android (android.graphics.Color)	4285302675 (0xFF6C8793)
YUV	128.2950, 9.2216, -17.7987
Hunter-Lab	47.5633, -7.7472, -5.2367

Details

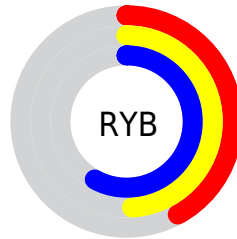
The XYZ color **20.1148, 22.6227, 30.9102** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4561, 20.7188, 17.0562**, and the grayscale version is **20.5947, 21.6672, 23.5956**.

A 20% lighter version of the original color is **43.0230, 47.6571, 62.1895**, and **7.1635, 8.2713, 12.2853** is the 20% darker color. If you saturate the color by 10%, you get **17.8580, 20.5429, 30.6281**, and if you desaturate by 10%, it is **22.7012, 24.9134, 31.2164**.

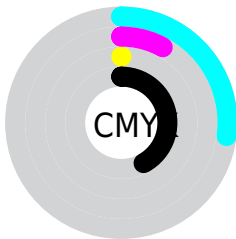
Distribution



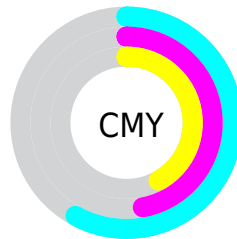
- Red (42%)
- Green (53%)
- Blue (58%)



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



- Cyan (27%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)



- Cyan (58%)
- Magenta (47%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1148, 22.6227, 30.9102 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 20.1148, 22.6227, 30.9102 by changing the saturation by 10% instead.

■ 20.1148, 22.6227,
30.9102

■ 20.1148, 22.6227,
30.9102

245.3577,
265.7811, 320.4628

■ 12.5873, 14.3152,
20.2726

■ 43.1120, 47.7731,
62.1766

■ 7.2200, 8.3402,
12.4073

■ 59.3125, 65.3847,
83.6424

■ 3.6476, 4.3134,
6.8958

■ 79.1346, 86.8664,
109.5548

■ 1.5048, 1.8504,
3.3196

■ 102.9437,
112.6027, 140.3321

■ 0.3291, 0.5183,
1.2600

131.1052,
142.9779, 176.3931

■ 0.0000, 0.0000,
0.0287

163.9845,

■ 0.0000, 0.0000,

178.3765, 218.1562

0.0000

201.9468,
219.1827, 266.0399

■ 20.1148, 22.6227,
30.9102

■ 20.1148, 22.6227,
30.9102

■ 17.8580, 20.5429,
30.6281

■ 22.7012, 24.9134,
31.2164

■ 15.9134, 18.6628,
30.3677

■ 25.6296, 27.4200,
31.5459

■ 14.2649, 16.9741,
30.1286

■ 28.9142, 30.1511,
31.8999

■ 12.8940, 15.4669,
29.9099

■ 32.5676, 33.1135,
32.2792

■ 11.7802, 14.1299,
29.7106

■ 36.6020, 36.3139,
32.6843

■ 10.8996, 12.9505,
29.5293

■ 41.0288, 39.7588,
33.1159

■ 10.2150, 11.9088,
29.3644

■ 45.8592, 43.4543,
33.5746

■ 9.9959, 11.5653,
29.3096

■ 51.1036, 47.4062,
34.0610

■ 56.7722, 51.6202,
34.5756

Harmonies

Analogous

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



19.3367, 22.6227, 27.7557



20.1148, 22.6227, 30.9102



21.2888, 22.6227, 32.3907

Triad

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



20.1148, 22.6227, 30.9102



24.0635, 22.6227, 25.2506



20.4716, 22.6227, 18.7518

Complementary

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



20.1148, 22.6227, 30.9102



21.4561, 20.7188, 17.0562

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.



21.7170, 22.6227, 18.2237



20.1148, 22.6227, 30.9102



23.8236, 22.6227, 21.7525

Square

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



20.1148, 22.6227, 30.9102



23.5951, 22.6227, 28.9217



22.9520, 22.6227, 19.2677



19.5369, 22.6227, 20.7894

Rectangle

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



20.1148, 22.6227, 30.9102



22.1508, 22.6227, 32.1319



22.9520, 22.6227, 19.2677



20.8664, 22.6227, 18.4010

Sweetspot

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



20.1155, 22.6236, 30.9107



44.9982, 48.3439, 56.3942



19.9905, 25.4048, 21.5245



10.0986, 10.8885, 12.8543



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.



20.1155, 22.6236, 30.9107



33.4780, 38.1882, 55.0412



17.6737, 17.7400, 30.0968



5.8151, 6.2642, 7.3724



8.6883, 10.0714, 25.4171



0.1325, 0.1757, 0.3198

Inverse Universe

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



21.7689, 18.6780, 25.3806



37.0250, 30.0822, 43.0974



24.0014, 25.8094, 17.9046



5.9601, 5.8791, 6.8961



12.5125, 6.2101, 11.4460



0.1664, 0.0813, 0.2097

Previews

White Background



This preview shows how the XYZ color 20.1148, 22.6227, 30.9102 looks on a white background.

Color Contrast Check

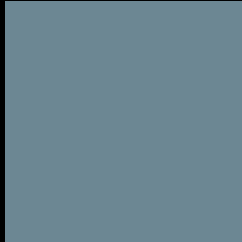
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1148, 22.6227, 30.9102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

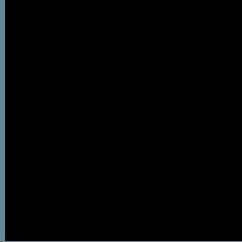
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

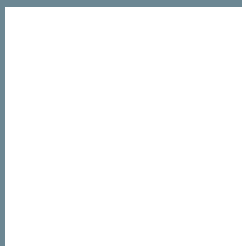
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1148, 22.6227, 30.9102

Background



This preview shows how black text looks on a background with the XYZ color 20.1148, 22.6227, 30.9102.



This preview shows how white text looks on a background with the XYZ color 20.1148, 22.6227,

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

20.1148, 22.6227, 30.9102

Protanopia

22.0699, 22.6460, 29.5935

Deuteranopia

23.0059, 22.4996, 31.5641



Tritanopia

20.0366, 22.5914, 30.4987

Trichromacy



Original Color

20.1148, 22.6227, 30.9102

Protanomaly

21.2473, 22.6118, 30.0327

Deuteranomaly

21.7854, 22.4634, 31.2046

Tritanomaly

20.0366, 22.5914, 30.4987

Monochromacy



Original Color

20.1148, 22.6227, 30.9102

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.3746, 22.0468, 26.1033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1148, 22.6227, 30.9102 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, 135, 147) looks like.

```
.text, #text, p{  
    color:rgb(108, 135, 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, 135, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 135, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.1148, 22.6227, 30.9102 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, 135, 147) }
```


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

```
.border{ border-color:rgb(108, 135, 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, 135, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 135, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 135, 147);  
box-shadow:4px 4px 4px 4px rgb(108, 135,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1148, 22.6227, 30.9102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 135, 147) }
```

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

```
.background{ background-color: rgb(108,  
135, 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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