

Converting Colors

XYZ(19.7398, 23.4291, 54.7143)

Have a look what the booklet for
XYZ(19.7398, 23.4291, 54.7143)
contains.

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Color

**XYZ(19.6792, 23.3795,
54.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	138EC2
RGB	19, 142, 194
RGB Percent	7%, 56%, 76%
CMY	0.9254, 0.4431, 0.2392
CMYK	0.90, 0.27, 0.00, 0.24
HSL	198°, 82%, 42%
HSV	198°, 90%, 76%
XYZ	19.6792, 23.3795, 54.5144
YIQ	111.1510, -90.0000, -9.9040

Conversions

Conversions Part 2

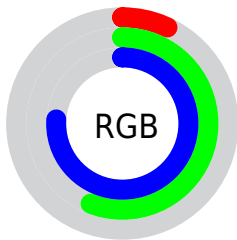
Format	Color
RYB	19, 91, 194
Decimal	1281730
CIELab	55.46, -12.23, -35.60
CIELCh	55, 37.643, 251.048
Yxy	23.3795, 0.2017, 0.2396
Android (android.graphics.Color)	4279471810 (0xFF138EC2)
YUV	111.1510, 40.8446, -80.8164
Hunter-Lab	48.3524, -11.9679, -32.9993

Details

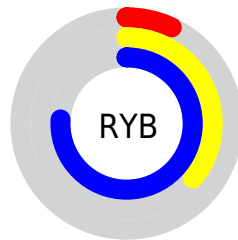
The XYZ color **19.6792, 23.3795, 54.5144** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **24.6211, 16.0266, 2.4131**, and the grayscale version is **15.0599, 15.8441, 17.2543**.

A 20% lighter version of the original color is **42.5193, 49.2116, 98.5246**, and **8.5608, 9.5477, 26.2026** is the 20% darker color. If you saturate the color by 10%, you get **18.5907, 21.6012, 54.2290**, and if you desaturate by 10%, it is **21.1063, 25.4221, 54.8339**.

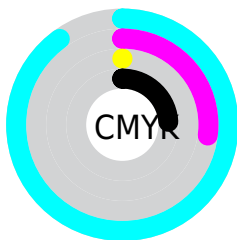
Distribution



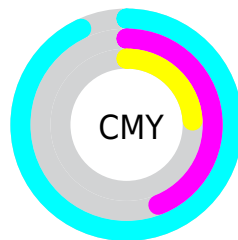
- Red (7%)
- Green (56%)
- Blue (76%)



- Red (7%)
- Yellow (36%)
- Blue (76%)



- Cyan (90%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (93%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6792, 23.3795, 54.5144 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 19.6792, 23.3795, 54.5144 by changing the saturation by 10% instead.

■ 19.6792, 23.3795,
54.5144

■ 19.6792, 23.3795,
54.5144

243.0399,
269.6682, 421.2985

■ 12.2690, 14.8740,
38.6171

■ 42.3867, 49.0157,
98.2931

■ 7.0006, 8.7310,
26.1564

■ 58.4148, 66.9152,
127.0116

■ 3.5088, 4.5661,
16.7139

■ 78.0461, 88.7148,
160.8409

■ 1.4282, 1.9950,
9.8709

■ 101.6461,
114.7989, 200.1996

■ 0.2762, 0.6046,
5.2090

■ 129.5801,
145.5519, 245.5061

■ 0.0000, 0.0000,
2.3095

162.2135,

■ 0.0000, 0.0000,

181.3582, 297.1791

0.7365

199.9117,
222.6022, 355.6370

■ 0.0000, 0.0000,
0.0000

■ 19.6792, 23.3795,
54.5144

■ 19.6792, 23.3795,
54.5144

■ 18.5907, 21.6012,
54.2290

■ 21.1063, 25.4221,
54.8339

■ 22.9513, 27.7466,
55.1854

■ 25.2662, 30.3812,
55.5719

■ 28.0946, 33.3492,
55.9957

■ 31.4746, 36.6712,
56.4588

■ 35.4407, 40.3658,
56.9629

■ 40.0242, 44.4501,
57.5096

■ 45.2543, 48.9400,
58.1006

■ 51.1582, 53.8502,
58.7372

Harmonies

Analogous

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



16.6263, 23.3795, 44.0580



19.6792, 23.3795, 54.5144



23.8196, 23.3795, 55.9091

Triad

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



19.6792, 23.3795, 54.5144



31.2149, 23.3795, 21.2418



17.2894, 23.3795, 11.6030

Complementary

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



19.6792, 23.3795, 54.5144



24.6211, 16.0266, 2.4131

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.



20.6966, 23.3795, 8.7368



19.6792, 23.3795, 54.5144



28.9493, 23.3795, 13.0028

Square

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



19.6792, 23.3795, 54.5144



30.8517, 23.3795, 33.8109



24.9739, 23.3795, 9.1513



15.3725, 23.3795, 18.6056

Rectangle

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



19.6792, 23.3795, 54.5144



26.6937, 23.3795, 51.1346



24.9739, 23.3795, 9.1513



18.2790, 23.3795, 10.2425

Sweetspot

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



19.6800, 23.3803, 54.5150



66.3895, 75.1050, 103.4674



20.6230, 39.1474, 12.0353



13.9395, 15.9043, 22.5851



0.0000, 0.0000, 0.0000



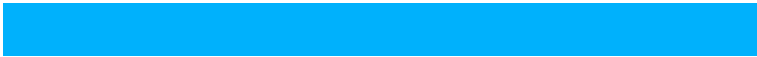
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.6800, 23.3803, 54.5150



33.4484, 38.6695, 98.1708



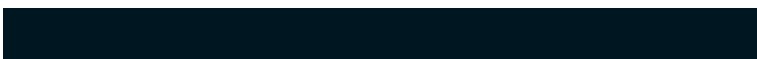
11.4669, 6.9541, 51.7773



10.1076, 10.9066, 12.8573



12.2970, 14.3504, 35.6784



0.5890, 0.7354, 1.5608

Inverse Universe

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



27.3643, 13.8892, 26.8304



48.2864, 23.9709, 43.8995



34.2697, 35.3238, 5.6293



10.3656, 10.1949, 12.0159



17.6029, 8.7309, 16.3528



0.7897, 0.3889, 0.8598

Previews

White Background



This preview shows how the XYZ color 19.6792, 23.3795, 54.5144 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 19.6792, 23.3795, 54.5144 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

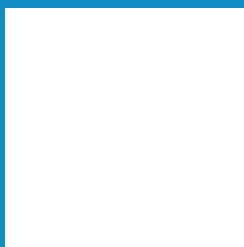
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.6792, 23.3795, 54.5144

Background



This preview shows how black text looks on a background with the XYZ color 19.6792, 23.3795, 54.5144.

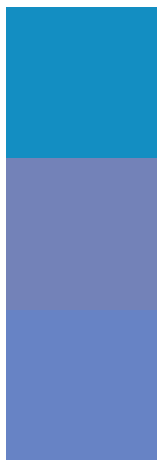


This preview shows how white text looks on a background with the XYZ color 19.6792, 23.3795,

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

19.6792, 23.3795, 54.5144

Protanopia

23.7046, 23.0708, 48.5511

Deuteranopia

23.7879, 23.1474, 56.0375

Trichromacy



Original Color

19.6792, 23.3795, 54.5144

Protanomaly

20.9105, 22.3865, 50.7959

Deuteranomaly

21.3003, 22.6912, 55.4817

Monochromacy



Original Color

19.6792, 23.3795, 54.5144

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.9091, 17.4619, 27.7840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6792, 23.3795, 54.5144 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(19, 142, 194)` looks like.

```
.text, #text, p{  
    color:rgb(19, 142, 194)  
}
```

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(19, 142, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 142, 194) }
```

Border

The CSS property to change the border of an element to XYZ 19.6792, 23.3795, 54.5144 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(19, 142, 194) }
```

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

```
.border{ border-color:rgb(19, 142, 194) }
```

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

Here you see how a box with a 4 pixel rgb(19, 142, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 142, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 142, 194);  
box-shadow:4px 4px 4px 4px rgb(19, 142,  
194) }
```


Background

The CSS property to change the background color of an element to XYZ 19.6792, 23.3795, 54.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 142, 194) }
```

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

```
.background{ background-color: rgb(19, 142,  
194) }
```

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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