

Converting Colors

XYZ(14.8707, 19.2931, 53.8944)

Have a look what the booklet for
XYZ(14.8707, 19.2931, 53.8944)
contains.

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Color

**XYZ(18.2627, 20.9452,
54.1192)**

Conversions

Conversions Part 1

Format	Color
Hex	0086C2
RGB	0, 134, 194
RGB Percent	0%, 53%, 76%
CMY	0.9998, 0.4745, 0.2392
CMYK	1.00, 0.31, 0.00, 0.24
HSL	199°, 100%, 38%
HSV	199°, 100%, 76%
XYZ	18.2627, 20.9452, 54.1192
YIQ	100.7740, -99.1240, -9.7480

Conversions

Conversions Part 2

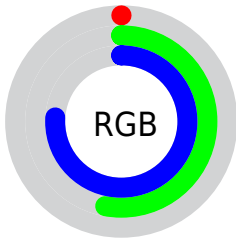
Format	Color
RYB	0, 79, 194
Decimal	34498
CIELab	52.89, -8.42, -39.65
CIELCh	53, 40.534, 258.018
Yxy	20.9452, 0.1957, 0.2244
Android (android.graphics.Color)	4278224578 (0xFF0086C2)
YUV	100.7740, 45.9604, -88.3788
Hunter-Lab	45.7659, -8.8607, -38.0756

Details

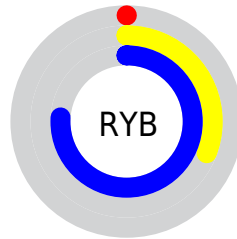
The XYZ color **18.2627, 20.9452, 54.1192** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **23.8667, 14.7057, 1.5818**, and the grayscale version is **12.2187, 12.8550, 13.9991**.

A 20% lighter version of the original color is **40.0068, 44.9925, 97.8426**, and **7.9821, 8.3904, 26.0098** is the 20% darker color. If you saturate the color by 10%, you get **18.2611, 20.9419, 54.1191**, and if you desaturate by 10%, it is **19.3934, 22.7949, 54.4171**.

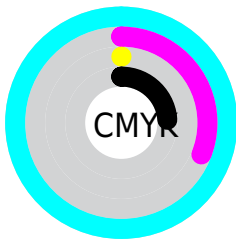
Distribution



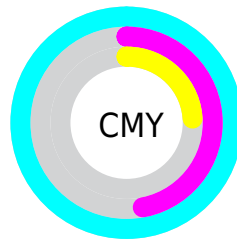
- Red (0%)
- Green (53%)
- Blue (76%)



- Red (0%)
- Yellow (31%)
- Blue (76%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2627, 20.9452, 54.1192 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 18.2627, 20.9452, 54.1192 by changing the saturation by 10% instead.

■ 18.2627, 20.9452,
54.1192

■ 18.2627, 20.9452,
54.1192

■ 235.3647,
256.9871, 419.7519

■ 11.2396, 13.0840,
38.3031

■ 40.0110, 44.9963,
97.7074

■ 6.2967, 7.4864,
25.9144

■ 55.4670, 61.9550,
126.3166

■ 3.0687, 3.7681,
16.5344

■ 74.4645, 82.7149,
160.0273

■ 1.1902, 1.5447,
9.7447

■ 97.3691, 107.6604,
199.2581

■ 0.0986, 0.3199,
5.1266

■ 124.5461,
137.1761, 244.4273

■ 0.0000, 0.0000,
2.2617

■ 156.3608,

■ 0.0000, 0.0000,

171.6461, 295.9537

0.7096

193.1785,
211.4550, 354.2557

■ 0.0000, 0.0000,
0.0000

■ 18.2627, 20.9452,
54.1192

■ 18.2627, 20.9452,
54.1192

■ 18.2611, 20.9419,
54.1191

■ 19.3934, 22.7949,
54.4171

■ 20.8479, 24.8823,
54.7433

■ 22.7259, 27.2600,
55.1033

■ 25.0784, 29.9556,
55.4996

■ 27.9489, 32.9925,
55.9345

■ 31.3757, 36.3914,
56.4099

■ 35.3930, 40.1709,
56.9277

■ 40.0324, 44.3484,
57.4895

■ 45.3230, 48.9398,
58.0969

Harmonies

Analogous

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



14.9372, 20.9452, 44.9375



18.2627, 20.9452, 54.1192



22.5375, 20.9452, 52.9951

Triad

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



18.2627, 20.9452, 54.1192



28.7107, 20.9452, 16.3193



14.4416, 20.9452, 10.4816

Complementary

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



18.2627, 20.9452, 54.1192



23.8667, 14.7057, 1.5818

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.



17.4910, 20.9452, 7.0283



18.2627, 20.9452, 54.1192



25.8743, 20.9452, 9.4801

Square

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



18.2627, 20.9452, 54.1192



28.9952, 20.9452, 28.0048



21.6488, 20.9452, 6.7420



12.9502, 20.9452, 18.2936

Rectangle

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



18.2627, 20.9452, 54.1192



25.3631, 20.9452, 46.5893



21.6488, 20.9452, 6.7420



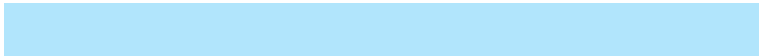
15.2968, 20.9452, 8.9134

Sweetspot

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



18.2635, 20.9459, 54.1197



63.7341, 72.4212, 103.0893



20.0621, 38.8920, 10.4833



13.2472, 15.1989, 22.4854



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.



18.2635, 20.9459, 54.1197



32.8471, 37.4668, 97.9704



10.4583, 5.3356, 51.5180



10.0972, 10.8856, 12.8538



12.0816, 13.9197, 35.6066



0.5809, 0.7193, 1.5581

Inverse Universe

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



26.5520, 13.1916, 23.7015



47.9828, 23.8495, 42.3011



34.0048, 34.9819, 4.9612



10.3603, 10.1927, 11.9881



17.4942, 8.6874, 15.7804



0.7856, 0.3873, 0.8385

Previews

White Background



This preview shows how the XYZ color 18.2627, 20.9452, 54.1192 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 18.2627, 20.9452, 54.1192 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

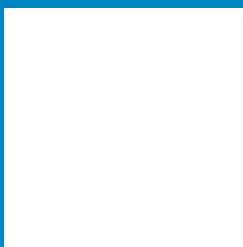
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2627, 20.9452, 54.1192

Background



This preview shows how black text looks on a background with the XYZ color 18.2627, 20.9452, 54.1192.



This preview shows how white text looks on a background with the XYZ color 18.2627, 20.9452,

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

18.2627, 20.9452, 54.1192

Protanopia

21.7903, 20.9213, 48.7887

Deuteranopia

21.5445, 21.0311, 55.1484



Tritanopia

14.8831, 20.9582, 32.1151

Trichromacy



Original Color

18.2627, 20.9452, 54.1192

Protanomaly

19.1110, 20.2625, 50.4807

Deuteranomaly

19.3879, 20.5105, 54.5668

Tritanomaly

15.9714, 20.9301, 39.2745

Monochromacy



Original Color

18.2627, 20.9452, 54.1192

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.3927, 14.6495, 25.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2627, 20.9452, 54.1192 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(0, 134, 194)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 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(0, 134, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 194) }
```

Border

The CSS property to change the border of an element to XYZ 18.2627, 20.9452, 54.1192 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(0, 134, 194) }
```


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

```
.border{ border-color:rgb(0, 134, 194) }
```

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

Here you see how a box with a 4 pixel rgb(0, 134, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 194);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2627, 20.9452, 54.1192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 194) }
```

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

```
.background{ background-color: rgb(0, 134,  
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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