

Converting Colors

XYZ(19.1592, 20.9016, 49.4790)

Have a look what the booklet for
XYZ(19.1592, 20.9016, 49.4790)
contains.

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Color

**XYZ(19.1592, 20.9016,
49.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	4183BA
RGB	65, 131, 186
RGB Percent	25%, 51%, 73%
CMY	0.7451, 0.4863, 0.2706
CMYK	0.65, 0.30, 0.00, 0.27
HSL	207°, 48%, 49%
HSV	207°, 65%, 73%
XYZ	19.1592, 20.9016, 49.4790
YIQ	117.5360, -56.9910, 3.1130

Conversions

Conversions Part 2

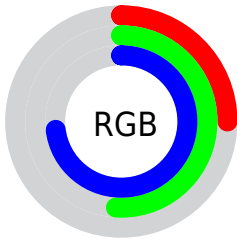
Format	Color
R _Y B	65, 108, 186
Decimal	4293562
CIE Lab	52.84, -3.56, -35.07
CIE LCh	53, 35.251, 264.198
Yxy	20.9016, 0.2140, 0.2334
Android (android.graphics.Color)	4282483642 (0xFF4183BA)
YUV	117.5360, 33.7528, -46.0741
Hunter-Lab	45.7183, -5.2028, -32.1643

Details

The XYZ color **19.1592, 20.9016, 49.4790** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.9214, 24.2552, 8.2122**, and the grayscale version is **16.9868, 17.8714, 19.4620**.

A 20% lighter version of the original color is **41.4797, 44.9769, 90.4996**, and **7.2509, 7.7280, 23.2998** is the 20% darker color. If you saturate the color by 10%, you get **17.0350, 18.1893, 49.0679**, and if you desaturate by 10%, it is **21.7829, 24.0097, 49.9411**.

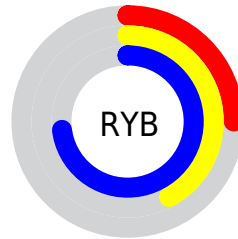
Distribution



Red (25%)

Green (51%)

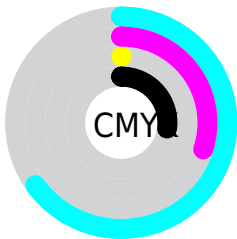
Blue (73%)



Red (25%)

Yellow (42%)

Blue (73%)

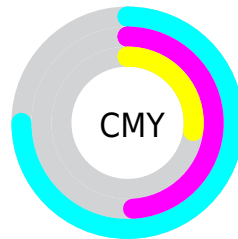


Cyan (65%)

Magenta (30%)

Yellow (0%)

Black (27%)



Cyan (75%)

Magenta (49%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1592, 20.9016, 49.4790 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 19.1592, 20.9016, 49.4790 by changing the saturation by 10% instead.

■ 19.1592, 20.9016,
49.4790

■ 19.1592, 20.9016,
49.4790

240.2475,
256.7551, 401.3015

■ 11.8901, 13.0521,
34.6313

■ 41.5177, 44.9237,
90.7908

■ 6.7405, 7.4644,
23.0977

■ 57.3378, 61.8651,
118.0920

■ 3.3452, 3.7542,
14.4597

■ 76.7390, 82.6059,
150.3815

■ 1.3389, 1.5370,
8.2987

■ 100.0865,
107.5306, 188.0777

■ 0.2120, 0.3146,
4.1962

■ 127.7457,
137.0234, 231.5993

■ 0.0000, 0.0000,
1.7336

160.0821,

■ 0.0000, 0.0000,

171.4688, 281.3648

0.3836

197.4609,
211.2513, 337.7927

■ 0.0000, 0.0000,
0.0000

■ 19.1592, 20.9016,
49.4790

■ 19.1592, 20.9016,
49.4790

■ 17.0350, 18.1893,
49.0679

■ 21.7829, 24.0097,
49.9411

■ 15.3643, 15.8448,
48.7034

■ 24.9420, 27.5341,
50.4548

■ 14.0950, 13.8381,
48.3829

■ 28.6712, 31.4963,
51.0231

■ 13.5607, 12.9407,
48.2379

■ 33.0014, 35.9151,
51.6477

■ 37.9615, 40.8081,
52.3308

■ 43.5780, 46.1920,
53.0739

■ 49.8760, 52.0823,
53.8790

■ 56.8791, 58.4940,
54.7474

■ 64.6100, 65.4411,
55.6809

Harmonies

Analogous

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



16.0057, 20.9016, 43.4832



19.1592, 20.9016, 49.4790



22.9121, 20.9016, 46.7163

Triad

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



19.1592, 20.9016, 49.4790



27.0494, 20.9016, 15.4176



14.6595, 20.9016, 12.8381

Complementary

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



19.1592, 20.9016, 49.4790



27.9214, 24.2552, 8.2122

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.



17.1032, 20.9016, 8.8208



19.1592, 20.9016, 49.4790



24.3026, 20.9016, 9.9560

Square

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



19.1592, 20.9016, 49.4790



27.7755, 20.9016, 24.8702



20.5907, 20.9016, 7.9587



13.6222, 20.9016, 20.7695

Rectangle

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



19.1592, 20.9016, 49.4790



25.2223, 20.9016, 40.6105



20.5907, 20.9016, 7.9587



15.3280, 20.9016, 11.0967

Sweetspot

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



19.1600, 20.9023, 49.4795



63.9141, 69.1742, 94.1847



23.0966, 37.5850, 23.6334



13.5280, 14.6908, 20.6652



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



19.1600, 20.9023, 49.4795



29.4971, 31.0883, 88.6474



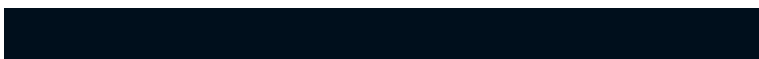
13.3002, 9.1829, 47.5263



8.9161, 9.5094, 11.4450



9.1989, 8.8574, 32.4779



0.3853, 0.4343, 1.1653

Inverse Universe

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



26.2374, 15.8593, 23.1516



44.0216, 23.9072, 33.9063



37.5156, 43.4437, 11.4102



9.2040, 9.0920, 10.4216



15.2568, 7.6765, 9.2393



0.5686, 0.2829, 0.4879

Previews

White Background



This preview shows how the XYZ color 19.1592, 20.9016, 49.4790 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 19.1592, 20.9016, 49.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

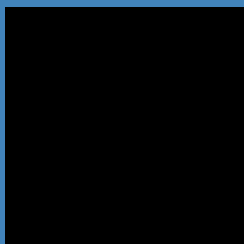
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

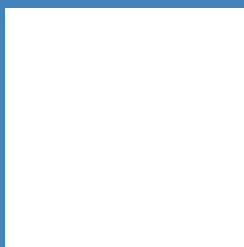
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1592, 20.9016, 49.4790

Background



This preview shows how black text looks on a background with the XYZ color 19.1592, 20.9016, 49.4790.

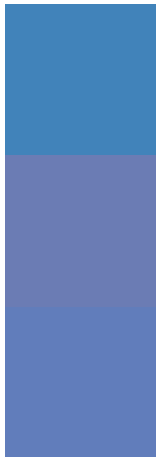


This preview shows how white text looks on a background with the XYZ color 19.1592, 20.9016,

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

19.1592, 20.9016, 49.4790

Protanopia

21.5093, 20.8364, 46.0682

Deuteranopia

21.2330, 20.7965, 49.9087



Tritanopia

15.5520, 20.8824, 31.6448

Trichromacy



Original Color

19.1592, 20.9016, 49.4790

Protanomaly

20.4465, 20.8315, 47.1992

Deuteranomaly

20.3053, 20.6979, 49.9386

Tritanomaly

16.6017, 20.6666, 37.2965

Monochromacy



Original Color

19.1592, 20.9016, 49.4790

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.1865, 18.8017, 28.7099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1592, 20.9016, 49.4790 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(65, 131, 186)` looks like.

```
.text, #text, p{  
    color:rgb(65, 131, 186)  
}
```

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(65, 131, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 131, 186) }
```

Border

The CSS property to change the border of an element to XYZ 19.1592, 20.9016, 49.4790 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(65, 131, 186) }
```


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

```
.border{ border-color:rgb(65, 131, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 131, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 131, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 131, 186);  
box-shadow:4px 4px 4px 4px rgb(65, 131,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1592, 20.9016, 49.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 131, 186) }
```

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

```
.background{ background-color: rgb(65, 131,  
186) }
```

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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