

Converting Colors

XYZ(19.1555, 21.6123, 54.2866)

Have a look what the booklet for
XYZ(19.1555, 21.6123, 54.2866)
contains.

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Color

**XYZ(19.1291, 21.5981,
54.1996)**

Conversions

Conversions Part 1

Format	Color
Hex	2487C2
RGB	36, 135, 194
RGB Percent	14%, 53%, 76%
CMY	0.8588, 0.4706, 0.2392
CMYK	0.81, 0.30, 0.00, 0.24
HSL	202°, 69%, 45%
HSV	202°, 81%, 76%
XYZ	19.1291, 21.5981, 54.1996
YIQ	112.1250, -77.9430, -2.6390

Conversions

Conversions Part 2

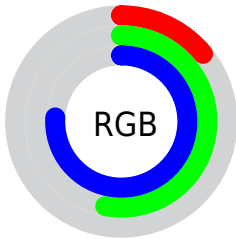
Format	Color
R_{YB}	36, 97, 194
Decimal	2394050
CIE _{Lab}	53.60, -6.98, -38.51
CIE _{LCh}	54, 39.135, 259.730
Yxy	21.5981, 0.2015, 0.2275
Android (android.graphics.Color)	4280584130 (0xFF2487C2)
YUV	112.1250, 40.3644, -66.7616
Hunter-Lab	46.4738, -7.8565, -36.6148

Details

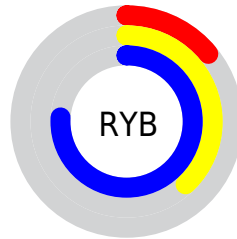
The XYZ color **19.1291, 21.5981, 54.1996** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **26.6602, 19.7834, 4.0835**, and the grayscale version is **15.3408, 16.1397, 17.5761**.

A 20% lighter version of the original color is **41.4592, 46.0573, 97.9716**, and **8.0614, 8.5490, 26.0362** is the 20% darker color. If you saturate the color by 10%, you get **17.6495, 19.3857, 53.8510**, and if you desaturate by 10%, it is **21.0457, 24.1384, 54.5894**.

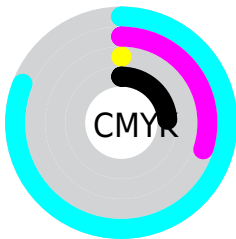
Distribution



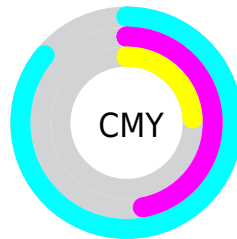
- Red (14%)
- Green (53%)
- Blue (76%)



- Red (14%)
- Yellow (38%)
- Blue (76%)



- Cyan (81%)
- Magenta (30%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (47%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1291, 21.5981, 54.1996 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 19.1291, 21.5981, 54.1996 by changing the saturation by 10% instead.

■ 19.1291, 21.5981,
54.1996

■ 19.1291, 21.5981,
54.1996

240.0850,
260.4402, 420.0668

■ 11.8682, 13.5619,
38.3670

■ 41.4673, 46.0808,
97.8266

■ 6.7255, 7.8166,
25.9636

■ 57.2753, 63.2962,
126.4581

■ 3.3358, 3.9778,
16.5709

■ 76.6630, 84.3400,
160.1930

■ 1.3338, 1.6612,
9.7703

■ 99.9958, 109.5967,
199.4497

■ 0.2083, 0.3983,
5.1433

■ 127.6391,
139.4506, 244.6470

■ 0.0000, 0.0000,
2.2714

159.9581,

■ 0.0000, 0.0000,

174.2863, 296.2032

0.7151

197.3183,
214.4880, 354.5370

■ 0.0000, 0.0000,
0.0000

■ 19.1291, 21.5981,
54.1996

■ 19.1291, 21.5981,
54.1996

■ 17.6495, 19.3857,
53.8510

■ 21.0457, 24.1384,
54.5894

■ 16.6425, 17.7047,
53.5796

■ 23.4500, 27.0341,
55.0216

■ 26.3880, 30.3107,
55.4992

■ 29.8989, 33.9906,
56.0244

■ 34.0181, 38.0938,
56.5993

■ 38.7781, 42.6386,
57.2257

■ 44.2088, 47.6424,
57.9053

■ 50.3382, 53.1212,
58.6397

■ 57.1926, 59.0902,
59.4306

Harmonies

Analogous

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



15.7609, 21.5981, 45.8038



19.1291, 21.5981, 54.1996



23.3618, 21.5981, 52.5038

Triad

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



19.1291, 21.5981, 54.1996



29.0573, 21.5981, 16.5728



14.9882, 21.5981, 11.5591

Complementary

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



19.1291, 21.5981, 54.1996



26.6602, 19.7834, 4.0835

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.



17.9338, 21.5981, 7.8270



19.1291, 21.5981, 54.1996



26.1716, 21.5981, 9.9670

Square

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



19.1291, 21.5981, 54.1996



29.4918, 21.5981, 27.8618



21.9942, 21.5981, 7.3647



13.5944, 21.5981, 19.6485

Rectangle

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



19.1291, 21.5981, 54.1996



26.1036, 21.5981, 46.0212



21.9942, 21.5981, 7.3647



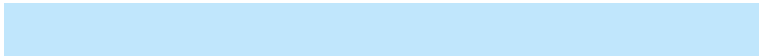
15.8095, 21.5981, 9.8887

Sweetspot

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



19.1299, 21.5988, 54.2002



67.5933, 74.7411, 103.3337



22.0377, 39.7663, 17.0901



14.1138, 15.7107, 22.5385



0.0000, 0.0000, 0.0000



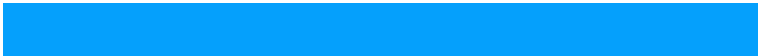
20.3446, 21.4041, 23.3091

Same Dimension

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



19.1299, 21.5988, 54.2002



30.2867, 32.2521, 97.0988



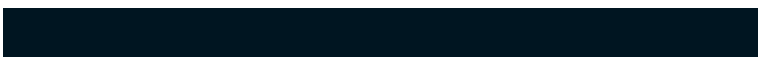
11.9326, 7.2043, 51.8011



10.0422, 10.7758, 12.8355



11.0226, 11.8018, 35.2536



0.5406, 0.6386, 1.5446

Inverse Universe

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



27.2529, 14.4813, 24.2811



46.7133, 23.4294, 35.3459



37.4982, 41.4594, 7.6961



10.3326, 10.1817, 11.8421



16.9597, 8.4736, 12.9657



0.7653, 0.3791, 0.7312

Previews

White Background



This preview shows how the XYZ color 19.1291, 21.5981, 54.1996 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 19.1291, 21.5981, 54.1996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

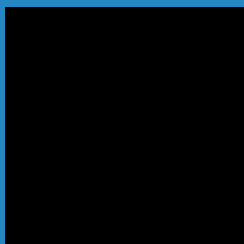
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

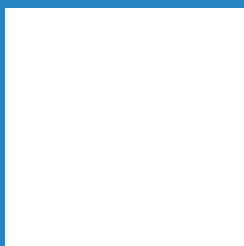
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.1291, 21.5981, 54.1996

Background



This preview shows how black text looks on a background with the XYZ color 19.1291, 21.5981, 54.1996.

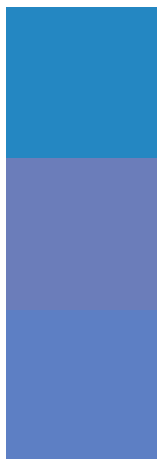


This preview shows how white text looks on a background with the XYZ color 19.1291, 21.5981,

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

19.1291, 21.5981, 54.1996

Protanopia

22.2599, 21.3382, 49.3998

Deuteranopia

22.0674, 21.4914, 55.2097



Tritanopia

15.3405, 21.6130, 33.0690

Trichromacy



Original Color

19.1291, 21.5981, 54.1996

Protanomaly

20.4289, 21.1240, 51.1447

Deuteranomaly

20.5054, 21.2831, 54.6571

Tritanomaly

16.3736, 21.3408, 39.8154

Monochromacy



Original Color

19.1291, 21.5981, 54.1996

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2551, 17.2708, 28.1207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1291, 21.5981, 54.1996 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(36, 135, 194)` looks like.

```
.text, #text, p{  
    color:rgb(36, 135, 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(36, 135, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 135, 194) }
```

Border

The CSS property to change the border of an element to XYZ 19.1291, 21.5981, 54.1996 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(36, 135, 194) }
```


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

```
.border{ border-color:rgb(36, 135, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 135, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 135, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 135, 194);  
box-shadow:4px 4px 4px 4px rgb(36, 135,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1291, 21.5981, 54.1996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 135, 194) }
```

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

```
.background{ background-color: rgb(36, 135,  
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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