

Converting Colors

XYZ(19.2500, 21.3456, 31.5393)

Have a look what the booklet for
XYZ(19.2500, 21.3456, 31.5393)
contains.

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Color

**XYZ(19.2500, 21.3456,
31.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	688395
RGB	104, 131, 149
RGB Percent	41%, 51%, 58%
CMY	0.5922, 0.4863, 0.4157
CMYK	0.30, 0.12, 0.00, 0.42
HSL	204°, 18%, 50%
HSV	204°, 30%, 58%
XYZ	19.2500, 21.3456, 31.5393
YIQ	124.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

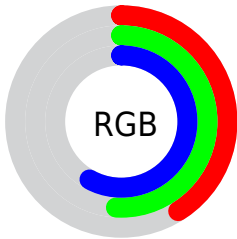
Format	Color
R_{YB}	104, 121, 149
Decimal	6849429
CIE _{Lab}	53.33, -5.19, -12.80
CIE _{LCh}	53, 13.815, 247.945
Yxy	21.3456, 0.2669, 0.2959
Android (android.graphics.Color)	4285039509 (0xFF688395)
YUV	124.9790, 11.8424, -18.3986
Hunter-Lab	46.2013, -6.4794, -8.1334

Details

The XYZ color **19.2500, 21.3456, 31.5393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.8528, 21.3081, 16.0582**, and the grayscale version is **19.4531, 20.4662, 22.2877**.

A 20% lighter version of the original color is **41.6303, 45.6607, 63.1192**, and **6.7974, 7.7287, 12.6888** is the 20% darker color. If you saturate the color by 10%, you get **16.8936, 18.9770, 31.2067**, and if you desaturate by 10%, it is **21.9594, 23.9655, 31.9026**.

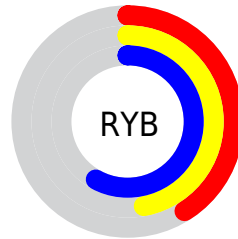
Distribution



Red (41%)

Green (51%)

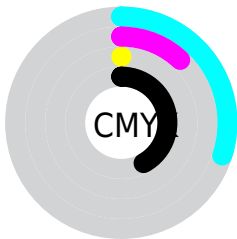
Blue (58%)



Red (41%)

Yellow (47%)

Blue (58%)

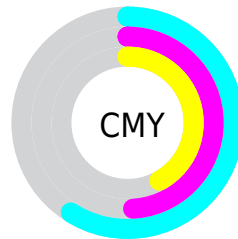


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (42%)



Cyan (59%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2500, 21.3456, 31.5393 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 19.2500, 21.3456, 31.5393 by changing the saturation by 10% instead.

■ 19.2500, 21.3456,
31.5393

■ 19.2500, 21.3456,
31.5393

240.7372,
259.1095, 323.4430

■ 11.9561, 13.3769,
20.7480

■ 41.6697, 45.6620,
63.1776

■ 6.7858, 7.6886,
12.7504

■ 57.5263, 62.7785,
84.8617

■ 3.3736, 3.8963,
7.1282

■ 76.9678, 83.7129,
111.0138

■ 1.3543, 1.6157,
3.4628

■ 100.3597,
108.8498, 142.0524

■ 0.2233, 0.3682,
1.3355

128.0672,
138.5735, 178.3961

■ 0.0000, 0.0000,
0.0906

160.4557,

■ 0.0000, 0.0000,

173.2685, 220.4634

0.0000

197.8905,
213.3190, 268.6729

■ 19.2500, 21.3456,
31.5393

■ 19.2500, 21.3456,
31.5393

■ 16.8936, 18.9770,
31.2067

■ 21.9594, 23.9655,
31.9026

■ 14.8713, 16.8474,
30.9022

■ 25.0355, 26.8434,
32.2959

■ 13.1654, 14.9470,
30.6253

■ 28.4936, 29.9888,
32.7208

■ 11.7558, 13.2641,
30.3748

■ 32.3475, 33.4099,
33.1780

■ 10.6195, 11.7858,
30.1493

■ 36.6104, 37.1144,
33.6684

■ 9.7298, 10.4970,
29.9474

■ 41.2946, 41.1098,
34.1927

■ 9.0311, 9.3825,
29.7691

■ 46.4121, 45.4033,
34.7517

■ 51.9744, 50.0016,
35.3461

■ 57.9925, 54.9116,
35.9766

Harmonies

Analogous

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



18.1493, 21.3456, 28.5575



19.2500, 21.3456, 31.5393



20.6798, 21.3456, 32.1715

Triad

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



19.2500, 21.3456, 31.5393



23.2047, 21.3456, 22.1455



18.6068, 21.3456, 17.4483

Complementary

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



19.2500, 21.3456, 31.5393



21.8528, 21.3081, 16.0582

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.



19.9019, 21.3456, 16.1392



19.2500, 21.3456, 31.5393



22.5892, 21.3456, 18.6303

Square

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



19.2500, 21.3456, 31.5393



23.0096, 21.3456, 26.4009



21.3634, 21.3456, 16.5443



17.7906, 21.3456, 20.3452

Rectangle

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



19.2500, 21.3456, 31.5393



21.6358, 21.3456, 31.1123



21.3634, 21.3456, 16.5443



18.9981, 21.3456, 16.8249

Sweetspot

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



19.2507, 21.3464, 31.5398



45.4337, 48.6239, 57.9120



19.9233, 25.8250, 22.1047



9.8955, 10.6162, 12.8124



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.



19.2507, 21.3464, 31.5398



31.6492, 35.4079, 56.0876



16.6295, 16.1041, 30.6661



5.7714, 6.1769, 7.3578



7.6304, 7.9556, 25.0645



0.1223, 0.1552, 0.3164

Inverse Universe

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



21.4420, 17.9294, 23.8043



36.2818, 28.6155, 39.6372



24.8289, 27.2603, 17.0503



5.9381, 5.8703, 6.7800



11.9786, 5.9965, 8.6340



0.1612, 0.0792, 0.1825

Previews

White Background



This preview shows how the XYZ color 19.2500, 21.3456, 31.5393 looks on a white background.

Color Contrast Check

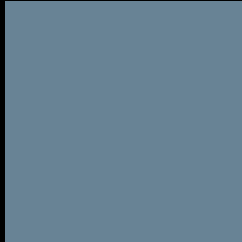
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2500, 21.3456, 31.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

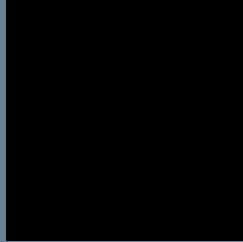
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

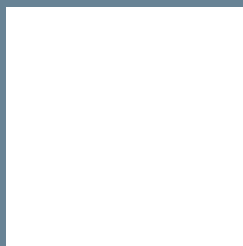
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.2500, 21.3456, 31.5393

Background



This preview shows how black text looks on a background with the XYZ color 19.2500, 21.3456, 31.5393.



This preview shows how white text looks on a background with the XYZ color 19.2500, 21.3456,

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

19.2500, 21.3456, 31.5393

Protanopia

20.9613, 21.2821, 30.1972

Deuteranopia

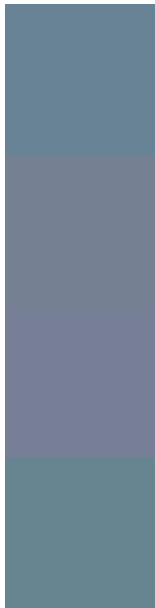
21.6148, 21.2065, 31.8082



Tritanopia

18.8027, 21.3693, 29.1203

Trichromacy



Original Color

19.2500, 21.3456, 31.5393

Protanomaly

20.3217, 21.3268, 30.6492

Deuteranomaly

20.7021, 21.3027, 31.8749

Tritanomaly

18.9556, 21.4304, 29.9255

Monochromacy



Original Color

19.2500, 21.3456, 31.5393

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.2286, 20.6819, 25.5328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2500, 21.3456, 31.5393 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(104, 131, 149)` looks like.

```
.text, #text, p{  
    color:rgb(104, 131, 149)  
}
```

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(104, 131, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 131, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.2500, 21.3456, 31.5393 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(104, 131, 149) }
```


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

```
.border{ border-color:rgb(104, 131, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 131, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 131, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 131, 149);  
box-shadow:4px 4px 4px 4px rgb(104, 131,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2500, 21.3456, 31.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 131, 149) }
```

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

```
.background{ background-color: rgb(104,  
131, 149) }
```

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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