

Converting Colors

XYZ(19.2843, 21.2566, 37.9047)

Have a look what the booklet for
XYZ(19.2843, 21.2566, 37.9047)
contains.

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Color

**XYZ(19.2414, 21.2041,
37.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	5D83A3
RGB	93, 131, 163
RGB Percent	36%, 51%, 64%
CMY	0.6353, 0.4863, 0.3608
CMYK	0.43, 0.20, 0.00, 0.36
HSL	207°, 28%, 50%
HSV	207°, 43%, 64%
XYZ	19.2414, 21.2041, 37.7290
YIQ	123.2860, -32.9200, 1.8960

Conversions

Conversions Part 2

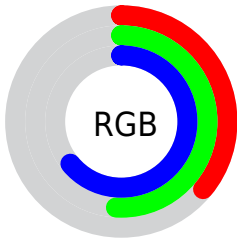
Format	Color
R_{YB}	93, 118, 163
Decimal	6128547
CIE _{Lab}	53.17, -4.57, -21.21
CIE _{LCh}	53, 21.700, 257.844
Yxy	21.2041, 0.2461, 0.2712
Android (android.graphics.Color)	4284318627 (0xFF5D83A3)
YUV	123.2860, 19.5790, -26.5608
Hunter-Lab	46.0479, -5.9965, -16.3453

Details

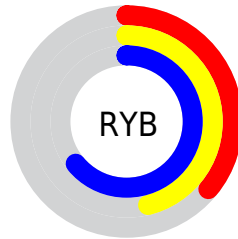
The XYZ color **19.2414, 21.2041, 37.7290** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **24.4143, 23.2448, 13.5567**, and the grayscale version is **18.8669, 19.8494, 21.6160**.

A 20% lighter version of the original color is **41.6494, 45.4539, 72.9080**, and **6.8010, 7.6537, 16.1578** is the 20% darker color. If you saturate the color by 10%, you get **16.7991, 18.5128, 37.3386**, and if you desaturate by 10%, it is **22.1087, 24.2223, 38.1608**.

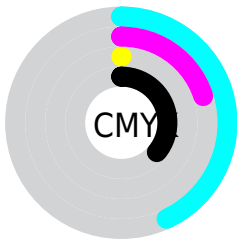
Distribution



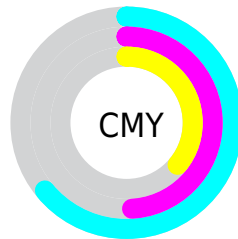
- Red (36%)
- Green (51%)
- Blue (64%)



- Red (36%)
- Yellow (46%)
- Blue (64%)



- Cyan (43%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (64%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2414, 21.2041, 37.7290 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 19.2414, 21.2041, 37.7290 by changing the saturation by 10% instead.

■ 19.2414, 21.2041,
37.7290

■ 19.2414, 21.2041,
37.7290

240.6908,
258.3612, 351.7193

■ 11.9499, 13.2733,
25.4722

■ 41.6553, 45.4270,
72.8914

■ 6.7815, 7.6170,
16.2070

■ 57.5085, 62.4878,
96.6341

■ 3.3709, 3.8509,
9.5148

■ 76.9462, 83.3608,
125.0425

■ 1.3528, 1.5905,
4.9771

■ 100.3338,
108.4302, 158.5352

■ 0.2222, 0.3512,
2.1753

128.0367,
138.0806, 197.5306

■ 0.0000, 0.0000,
0.6601

160.4203,

■ 0.0000, 0.0000,

172.6963, 242.4475

0.0000

197.8499,
212.6617, 293.7042

■ 19.2414, 21.2041,
37.7290

■ 19.2414, 21.2041,
37.7290

■ 16.7991, 18.5128,
37.3386

■ 22.1087, 24.2223,
38.1608

■ 14.7557, 16.1313,
36.9867

■ 25.4211, 27.5784,
38.6341

■ 13.0852, 14.0444,
36.6719

■ 29.1994, 31.2860,
39.1505

■ 11.7572, 12.2340,
36.3924

■ 33.4630, 35.3568,
39.7116

■ 10.7358, 10.6791,
36.1462

■ 38.2296, 39.8022,
40.3184

■ 10.1407, 9.7039,
35.9893

■ 43.5162, 44.6327,
40.9721

■ 49.3392, 49.8587,
41.6740

■ 55.7137, 55.4900,
42.4249

■ 62.6548, 61.5359,
43.2261

Harmonies

Analogous

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



17.3424, 21.2041, 33.7471



19.2414, 21.2041, 37.7290



21.5326, 21.2041, 37.2816

Triad

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



19.2414, 21.2041, 37.7290



24.6395, 21.2041, 19.4371



17.0645, 21.2041, 15.6203

Complementary

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



19.2414, 21.2041, 37.7290



24.4143, 23.2448, 13.5567

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.



18.8353, 21.2041, 13.0492



19.2414, 21.2041, 37.7290



23.2538, 21.2041, 14.9486

Square

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



19.2414, 21.2041, 37.7290



24.7690, 21.2041, 25.8443



21.0947, 21.2041, 12.8291



16.1509, 21.2041, 20.5344

Rectangle

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



19.2414, 21.2041, 37.7290



22.9760, 21.2041, 34.5381



21.0947, 21.2041, 12.8291



17.5729, 21.2041, 14.4971

Sweetspot

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



19.2421, 21.2049, 37.7295



52.0792, 55.8229, 70.0861



21.2819, 29.9900, 23.9028



11.3592, 12.2097, 15.6955



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



19.2421, 21.2049, 37.7295



30.0769, 33.1448, 66.8685



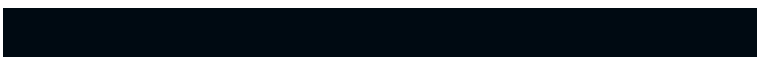
15.3545, 13.4296, 36.4336



7.0041, 7.4671, 8.9752



7.9270, 7.6333, 27.9854



0.2131, 0.2535, 0.6036

Inverse Universe

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



23.1160, 17.2547, 23.5857



38.2248, 25.9530, 36.8694



29.5648, 33.5459, 15.2735



7.2270, 7.1473, 8.1819



13.1466, 6.6147, 7.9628



0.2997, 0.1484, 0.2911

Previews

White Background



This preview shows how the XYZ color 19.2414, 21.2041, 37.7290 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 19.2414, 21.2041, 37.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

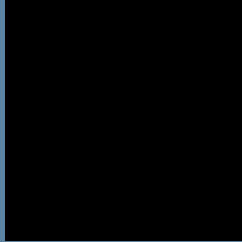
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2414, 21.2041, 37.7290

Background



This preview shows how black text looks on a background with the XYZ color 19.2414, 21.2041, 37.7290.

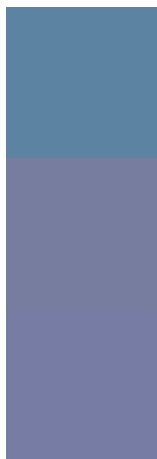


This preview shows how white text looks on a background with the XYZ color 19.2414, 21.2041,

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

19.2414, 21.2041, 37.7290

Protanopia

21.0628, 21.0220, 35.7484

Deuteranopia

21.5162, 21.0176, 38.0447



Tritanopia

17.6604, 21.1692, 29.9433

Trichromacy



Original Color

19.2414, 21.2041, 37.7290

Protanomaly

20.2412, 20.9680, 36.2381

Deuteranomaly

20.7206, 21.1741, 38.1169

Tritanomaly

18.2715, 21.2157, 32.8378

Monochromacy



Original Color

19.2414, 21.2041, 37.7290

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

18.7304, 20.2014, 26.9568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2414, 21.2041, 37.7290 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(93, 131, 163) looks like.

```
.text, #text, p{  
    color:rgb(93, 131, 163)  
}
```

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(93, 131, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 131, 163) }
```

Border

The CSS property to change the border of an element to XYZ 19.2414, 21.2041, 37.7290 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(93, 131, 163) }
```


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

```
.border{ border-color:rgb(93, 131, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 131, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 131, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 131, 163);  
box-shadow:4px 4px 4px 4px rgb(93, 131,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2414, 21.2041, 37.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 131, 163) }
```

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

```
.background{ background-color: rgb(93, 131,  
163) }
```

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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