

Converting Colors

XYZ(20.7041, 21.3219, 34.8281)

Have a look what the booklet for
XYZ(20.7041, 21.3219, 34.8281)
contains.

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Color

**XYZ(20.6146, 21.1905,
34.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	727F9D
RGB	114, 127, 157
RGB Percent	45%, 50%, 62%
CMY	0.5529, 0.5019, 0.3843
CMYK	0.27, 0.19, 0.00, 0.38
HSL	222°, 18%, 53%
HSV	222°, 27%, 62%
XYZ	20.6146, 21.1905, 34.9020
YIQ	126.5330, -17.3780, 6.5740

Conversions

Conversions Part 2

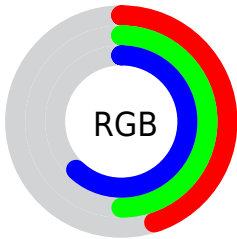
Format	Color
R_{YB}	114, 124, 157
Decimal	7503773
CIE _{Lab}	53.16, 2.32, -17.64
CIE _{LCh}	53, 17.791, 277.489
Yxy	21.1905, 0.2687, 0.2763
Android (android.graphics.Color)	4285693853 (0xFF727F9D)
YUV	126.5330, 15.0202, -10.9914
Hunter-Lab	46.0331, -0.6220, -12.7301

Details

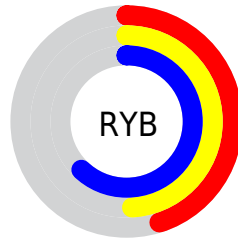
The XYZ color **20.6146, 21.1905, 34.9020** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.9154, 28.3296, 19.9697**, and the grayscale version is **19.9679, 21.0078, 22.8775**.

A 20% lighter version of the original color is **44.1413, 45.6115, 68.7648**, and **7.5059, 7.6132, 14.7096** is the 20% darker color. If you saturate the color by 10%, you get **17.4066, 17.5501, 34.3688**, and if you desaturate by 10%, it is **24.3283, 25.3209, 35.5039**.

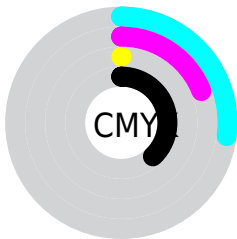
Distribution



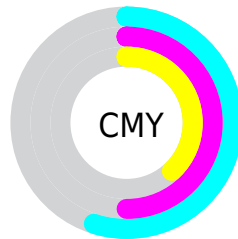
- Red (45%)
- Green (50%)
- Blue (62%)



- Red (45%)
- Yellow (49%)
- Blue (62%)



- Cyan (27%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (55%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6146, 21.1905, 34.9020 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 20.6146, 21.1905, 34.9020 by changing the saturation by 10% instead.

■ 20.6146, 21.1905,
34.9020

■ 20.6146, 21.1905,
34.9020

247.9938,
258.2892, 339.0267

■ 12.9534, 13.2633,
23.3044

■ 43.9414, 45.4044,
68.4838

■ 7.4733, 7.6101,
14.6111

■ 60.3377, 62.4598,
91.3051

■ 3.8087, 3.8465,
8.4033

■ 80.3764, 83.3269,
118.7047

■ 1.5945, 1.5881,
4.2626

104.4229,
108.3899, 151.1012

■ 0.3888, 0.3495,
1.7705

132.8425,
138.0332, 188.9131

■ 0.0000, 0.0000,
0.4084

166.0007,

■ 0.0000, 0.0000,

172.6412, 232.5589

0.0000

204.2626,
212.5984, 282.4573

■ 20.6146, 21.1905,
34.9020

■ 20.6146, 21.1905,
34.9020

■ 17.4066, 17.5501,
34.3688

■ 24.3283, 25.3209,
35.5039

■ 14.6795, 14.3781,
33.9003

■ 28.5669, 29.9568,
36.1753

■ 12.4094, 11.6551,
33.4943

■ 33.3513, 35.1158,
36.9189

■ 10.5691, 9.3591,
33.1481

■ 38.7003, 40.8143,
37.7369

■ 9.1289, 7.4660,
32.8586

■ 44.6320, 47.0675,
38.6313

■ 8.0543, 5.9489,
32.6224

■ 51.1636, 53.8904,
39.6040

■ 7.2920, 4.7704,
32.4351

■ 58.3116, 61.2971,
40.6569

■ 7.1213, 4.5052,
32.3929

■ 66.0919, 69.3015,
41.7918

■ 74.4083, 77.8592,
43.0053

Harmonies

Analogous

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



18.7916, 21.1905, 33.9892



20.6146, 21.1905, 34.9020



22.4163, 21.1905, 32.2761

Triad

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



20.6146, 21.1905, 34.9020



23.1400, 21.1905, 17.3408



16.9898, 21.1905, 19.3403

Complementary

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



20.6146, 21.1905, 34.9020



26.9154, 28.3296, 19.9697

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.



18.0250, 21.1905, 15.8100



20.6146, 21.1905, 34.9020



21.5534, 21.1905, 14.7867

Square

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



20.6146, 21.1905, 34.9020



23.9321, 21.1905, 21.7528



19.6746, 21.1905, 14.2733



16.7729, 21.1905, 24.4452

Rectangle

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



20.6146, 21.1905, 34.9020



23.3376, 21.1905, 29.0807



19.6746, 21.1905, 14.2733



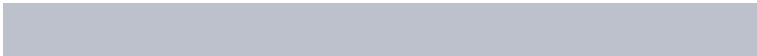
17.2504, 21.1905, 17.9553

Sweetspot

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



20.6153, 21.1913, 34.9025



50.5442, 52.9801, 64.6890



23.9839, 29.6866, 30.6056



10.8737, 11.3879, 14.1953



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



20.6153, 21.1913, 34.9025



33.2260, 33.7766, 61.8951



20.1131, 18.5986, 34.4285



6.4401, 6.7460, 8.3694



5.8131, 3.7177, 26.3184



0.1386, 0.1358, 0.4821

Inverse Universe

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



23.7533, 20.7356, 22.8301



39.8908, 33.0733, 36.1951



27.5104, 31.7298, 20.5946



6.7115, 6.6775, 7.3319



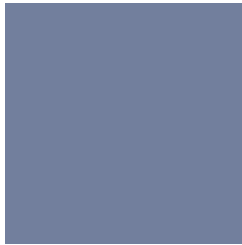
11.7324, 5.9975, 2.8418



0.2273, 0.1142, 0.1429

Previews

White Background



This preview shows how the XYZ color 20.6146, 21.1905, 34.9020 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 20.6146, 21.1905, 34.9020 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

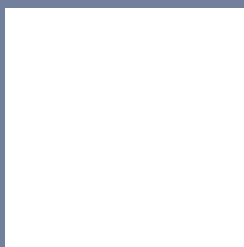
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.6146, 21.1905, 34.9020

Background



This preview shows how black text looks on a background with the XYZ color 20.6146, 21.1905, 34.9020.

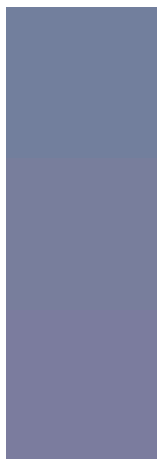


This preview shows how white text looks on a background with the XYZ color 20.6146, 21.1905,

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

20.6146, 21.1905, 34.9020

Protanopia

21.2073, 21.3151, 34.4490

Deuteranopia

21.5476, 21.0949, 35.2838



Tritanopia

19.2718, 21.2382, 27.8946

Trichromacy



Original Color

20.6146, 21.1905, 34.9020

Protanomaly

20.9328, 21.1736, 34.4361

Deuteranomaly

21.2509, 21.1289, 35.3060

Tritanomaly

19.7207, 21.2206, 30.2507

Monochromacy



Original Color

20.6146, 21.1905, 34.9020

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.2029, 21.1513, 27.0626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6146, 21.1905, 34.9020 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(114, 127, 157)` looks like.

```
.text, #text, p{  
    color:rgb(114, 127, 157)  
}
```

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(114, 127, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 127, 157) }
```

Border

The CSS property to change the border of an element to XYZ 20.6146, 21.1905, 34.9020 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(114, 127, 157) }
```


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

```
.border{ border-color:rgb(114, 127, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 127, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 127, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 127, 157);  
box-shadow:4px 4px 4px 4px rgb(114, 127,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6146, 21.1905, 34.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 127, 157) }
```

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

```
.background{ background-color: rgb(114,  
127, 157) }
```

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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