

Converting Colors

XYZ(13.3011, 13.9157, 20.9211)

Have a look what the booklet for
XYZ(13.3011, 13.9157, 20.9211)
contains.

XYZ(13.3058, 13.9381, 21.0578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(13.3058, 13.9381,
21.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	5E697C
RGB	94, 105, 124
RGB Percent	37%, 41%, 49%
CMY	0.6314, 0.5882, 0.5137
CMYK	0.24, 0.15, 0.00, 0.51
HSL	218°, 14%, 43%
HSV	218°, 24%, 49%
XYZ	13.3058, 13.9381, 21.0578
YIQ	103.8770, -12.6550, 3.5770

Conversions

Conversions Part 2

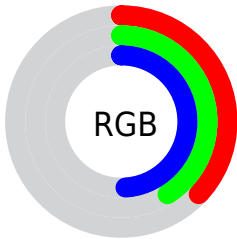
Format	Color
R_{YB}	94, 102, 124
Decimal	6187388
CIE _{Lab}	44.14, 0.38, -11.96
CIE _{LCh}	44, 11.969, 271.810
Yxy	13.9381, 0.2755, 0.2886
Android (android.graphics.Color)	4284377468 (0xFF5E697C)
YUV	103.8770, 9.9206, -8.6621
Hunter-Lab	37.3338, -1.7165, -7.3084

Details

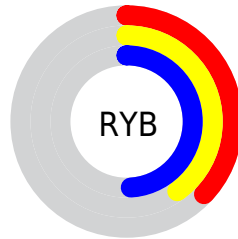
The XYZ color **13.3058, 13.9381, 21.0578** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2379, 16.9036, 12.9970**, and the grayscale version is **13.1023, 13.7847, 15.0115**.

A 20% lighter version of the original color is **31.5013, 32.9710, 46.2987**, and **3.9553, 4.1384, 7.2469** is the 20% darker color. If you saturate the color by 10%, you get **11.3718, 11.8083, 20.7489**, and if you desaturate by 10%, it is **15.5189, 16.3221, 21.4015**.

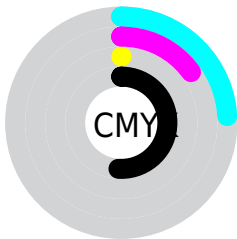
Distribution



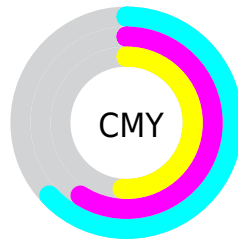
- Red (37%)
- Green (41%)
- Blue (49%)



- Red (37%)
- Yellow (40%)
- Blue (49%)



- Cyan (24%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)



- Cyan (63%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.3058, 13.9381, 21.0578 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 13.3058, 13.9381, 21.0578 by changing the saturation by 10% instead.

■ 13.3058, 13.9381,
21.0578

■ 13.3058, 13.9381,
21.0578

206.4665,
216.8454, 270.3766

■ 7.7179, 8.0776,
12.9746

■ 31.4487, 32.9792,
46.0657

■ 3.9653, 4.1447,
7.2805

■ 44.7345, 46.9285,
63.8276

■ 1.6825, 1.7548,
3.5571

■ 61.3169, 64.3430,
85.6527

■ 0.4453, 0.4588,
1.3856

■ 81.5614, 85.6069,
111.9597

■ 0.0000, 0.0000,
0.1305

105.8332,
111.1047, 143.1670

■ 0.0000, 0.0000,
0.0000

134.4978,

141.2208, 179.6932

167.9204,
176.3396, 221.9569

■ 13.3058, 13.9381,
21.0578

■ 13.3058, 13.9381,
21.0578

■ 11.3718, 11.8083,
20.7489

■ 15.5189, 16.3221,
21.4015

■ 9.7038, 9.9220,
20.4727

■ 18.0207, 18.9672,
21.7802

■ 8.2897, 8.2703,
20.2284

■ 20.8221, 21.8819,
22.1952

■ 7.1157, 6.8427,
20.0147

■ 23.9330, 25.0740,
22.6474

■ 6.1667, 5.6282,
19.8303

■ 27.3627, 28.5510,
23.1377

■ 5.4258, 4.6143,
19.6737

■ 31.1201, 32.3199,
23.6671

■ 4.8702, 3.7856,
19.5430

■ 35.2140, 36.3875,
24.2365

■ 4.5946, 3.3681,
19.4770

■ 39.6527, 40.7605,
24.8466

■ 44.4440, 45.4453,
25.4984

Harmonies

Analogous

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



12.3997, 13.9381, 20.2951



13.3058, 13.9381, 21.0578



14.2387, 13.9381, 20.0942

Triad

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



13.3058, 13.9381, 21.0578



14.8690, 13.9381, 12.5714



11.6954, 13.9381, 12.8267

Complementary

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



13.3058, 13.9381, 21.0578



16.2379, 16.9036, 12.9970

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.



12.3039, 13.9381, 11.1343



13.3058, 13.9381, 21.0578



14.1336, 13.9381, 10.9998

Square

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



13.3058, 13.9381, 21.0578



15.1676, 13.9381, 15.0108



13.1899, 13.9381, 10.5065



11.4971, 13.9381, 15.3428

Rectangle

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



13.3058, 13.9381, 21.0578



14.7429, 13.9381, 18.6626



13.1899, 13.9381, 10.5065



11.8573, 13.9381, 12.1536

Sweetspot

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



13.3062, 13.9387, 21.0581



30.3484, 31.9443, 38.1230



14.7766, 17.9763, 18.1669



7.1017, 7.4751, 8.9716



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



13.3062, 13.9387, 21.0581



21.4855, 22.4141, 36.7506



12.6244, 12.0300, 20.7256



3.9068, 4.1120, 5.0310



4.6684, 3.4193, 19.7992



21.5191, 14.8107, 94.1944

Inverse Universe

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



14.8651, 13.3108, 15.1510



24.7584, 21.2319, 24.3177



17.0436, 19.2526, 13.4080



4.0534, 4.0371, 4.4790



8.9397, 4.5520, 2.9735



42.2650, 21.5623, 12.1913

Previews

White Background



This preview shows how the XYZ color 13.3058, 13.9381, 21.0578 looks on a white 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

Black Background



This preview shows how the XYZ color 13.3058, 13.9381, 21.0578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

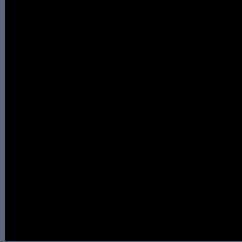
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

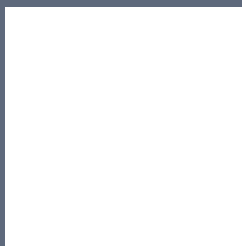
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.3058, 13.9381, 21.0578

Background



This preview shows how black text looks on a background with the XYZ color 13.3058, 13.9381, 21.0578.

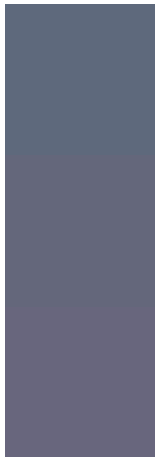


This preview shows how white text looks on a background with the XYZ color 13.3058, 13.9381,

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

13.3058, 13.9381, 21.0578

Protanopia

13.6809, 13.8399, 20.6892

Deuteranopia

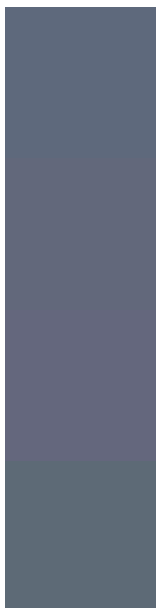
14.1620, 13.9265, 21.3437



Tritanopia

12.7658, 14.0285, 18.2546

Trichromacy



Original Color

13.3058, 13.9381, 21.0578

Protanomaly

13.5625, 13.9274, 20.7123

Deuteranomaly

13.8074, 13.8905, 21.3554

Tritanomaly

12.9382, 13.9432, 19.1489

Monochromacy



Original Color

13.3058, 13.9381, 21.0578

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.0751, 13.7577, 17.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.3058, 13.9381, 21.0578 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(94, 105, 124) looks like.

```
.text, #text, p{  
    color:rgb(94, 105, 124)  
}
```

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(94, 105, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 105, 124) }
```

Border

The CSS property to change the border of an element to XYZ 13.3058, 13.9381, 21.0578 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(94, 105, 124) }
```


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

```
.border{ border-color:rgb(94, 105, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 105, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 105, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 105, 124);  
box-shadow:4px 4px 4px 4px rgb(94, 105,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 13.3058, 13.9381, 21.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 105, 124) }
```

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

```
.background{ background-color: rgb(94, 105,  
124) }
```

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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