

Converting Colors

XYZ(31.3072, 32.2280, 53.8612)

Have a look what the booklet for
XYZ(31.3072, 32.2280, 53.8612)
contains.

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Color

**XYZ(31.2761, 32.1912,
53.8553)**

Conversions

Conversions Part 1

Format	Color
Hex	899ABF
RGB	137, 154, 191
RGB Percent	54%, 60%, 75%
CMY	0.4627, 0.3961, 0.2510
CMYK	0.28, 0.19, 0.00, 0.25
HSL	221°, 30%, 64%
HSV	221°, 28%, 75%
XYZ	31.2761, 32.1912, 53.8553
YIQ	153.1350, -22.0090, 7.9030

Conversions

Conversions Part 2

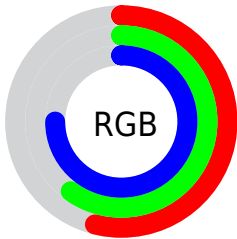
Format	Color
R _Y B	137, 150, 191
Decimal	9018047
CIE Lab	63.50, 2.52, -21.10
CIE LCh	64, 21.248, 276.805
Yxy	32.1912, 0.2666, 0.2744
Android (android.graphics.Color)	4287208127 (0xFF899ABF)
YUV	153.1350, 18.6674, -14.1504
Hunter-Lab	56.7373, -0.8932, -16.5622

Details

The XYZ color **31.2761, 32.1912, 53.8553** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.1377, 43.1548, 29.8293**, and the grayscale version is **30.2660, 31.8422, 34.6762**.

A 20% lighter version of the original color is **60.8302, 62.9035, 96.9312**, and **13.2034, 13.4851, 25.5739** is the 20% darker color. If you saturate the color by 10%, you get **26.3746, 26.6315, 53.0411**, and if you desaturate by 10%, it is **36.9694, 38.5102, 54.7755**.

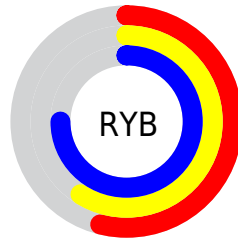
Distribution



Red (54%)

Green (60%)

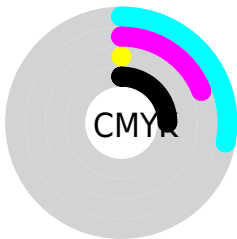
Blue (75%)



Red (54%)

Yellow (59%)

Blue (75%)

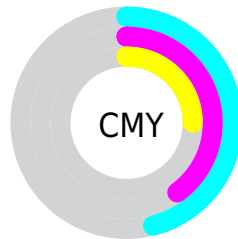


Cyan (28%)

Magenta (19%)

Yellow (0%)

Black (25%)



Cyan (46%)

Magenta (40%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.2761, 32.1912, 53.8553 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 31.2761, 32.1912, 53.8553 by changing the saturation by 10% instead.

■ 31.2761, 32.1912,
53.8553

■ 31.2761, 32.1912,
53.8553

299.6125,
311.9893, 418.7170

■ 20.9620, 21.5076,
38.0936

■ 61.0474, 63.1107,
97.3160

■ 13.2086, 13.4955,
25.7529

■ 81.2353, 84.1154,
125.8521

■ 7.6503, 7.7706,
16.4148

■ 105.4453,
109.3292, 159.4834

■ 3.9219, 3.9485,
9.6606

134.0426,
139.1366, 198.6285

■ 1.6581, 1.6448,
5.0719

167.3926,
173.9219, 243.7058

■ 0.4298, 0.3875,
2.2300

205.8607,

■ 0.0000, 0.0000,

214.0695, 295.1340

0.6916

249.8122,
259.9638, 353.3315

■ 0.0000, 0.0000,
0.0000

■ 31.2761, 32.1912,
53.8553

■ 31.2761, 32.1912,
53.8553

■ 26.3746, 26.6315,
53.0411

■ 36.9694, 38.5102,
54.7755

■ 22.2251, 21.7972,
52.3266

■ 43.4857, 45.6129,
55.8030

■ 18.7888, 17.6572,
51.7087

■ 50.8582, 53.5274,
56.9421

■ 16.0218, 14.1766,
51.1827

■ 59.1172, 62.2793,
58.1960

■ 13.8754, 11.3169,
50.7438

■ 68.2918, 71.8927,
59.5681

■ 12.2929, 9.0348,
50.3867

■ 78.4093, 82.3911,
61.0612

■ 11.1897, 7.2715,
50.1045

■ 83.4812, 90.6959,
62.3969

■ 11.0270, 7.0075,
50.0621

■ 86.4041, 96.5416,
63.3712

Harmonies

Analogous

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



28.4093, 32.1912, 52.2696



31.2761, 32.1912, 53.8553



34.1348, 32.1912, 49.7890

Triad

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



31.2761, 32.1912, 53.8553



35.3839, 32.1912, 26.1643



25.6578, 32.1912, 29.0146

Complementary

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



31.2761, 32.1912, 53.8553



41.1377, 43.1548, 29.8293

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.



27.3121, 32.1912, 23.5523



31.2761, 32.1912, 53.8553



32.8937, 32.1912, 22.1015

Square

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



31.2761, 32.1912, 53.8553



36.6033, 32.1912, 33.1547



29.9273, 32.1912, 21.2288



25.2861, 32.1912, 37.0178

Rectangle

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



31.2761, 32.1912, 53.8553



35.6109, 32.1912, 44.7539



29.9273, 32.1912, 21.2288



26.0769, 32.1912, 26.8624

Sweetspot

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



31.2771, 32.1925, 53.8560



78.0623, 81.8868, 99.9705



36.5783, 45.6327, 46.8741



16.7289, 17.5347, 21.8881



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.2771, 32.1925, 53.8560



50.3530, 51.2596, 95.5193



30.3651, 27.8476, 53.0655



9.2551, 9.7024, 12.0572



7.3112, 4.7342, 32.9213



0.3467, 0.3060, 1.3096

Inverse Universe

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



36.2651, 31.3017, 34.7037



60.8878, 49.8273, 54.9684



42.2263, 48.9042, 30.8817



9.6506, 9.5845, 10.5490



14.6911, 7.5076, 3.6672



0.6059, 0.3062, 0.3038

Previews

White Background



This preview shows how the XYZ color 31.2761, 32.1912, 53.8553 looks on a white background.

Color Contrast Check

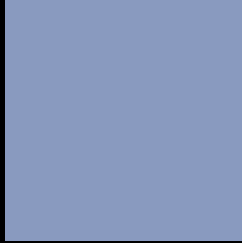
Large Text (above 18pt) WCAG AA × Fail

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 31.2761, 32.1912, 53.8553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

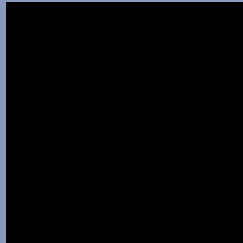
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.2761, 32.1912, 53.8553

Background



This preview shows how black text looks on a background with the XYZ color 31.2761, 32.1912, 53.8553.



This preview shows how white text looks on a background with the XYZ color 31.2761, 32.1912,

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

31.2761, 32.1912, 53.8553

Protanopia

32.1996, 32.1939, 53.2321

Deuteranopia

32.8152, 32.0080, 54.3178



Tritanopia

29.1554, 32.3425, 42.7363

Trichromacy



Original Color

31.2761, 32.1912, 53.8553

Protanomaly

31.8408, 32.2510, 53.2621

Deuteranomaly

32.2581, 31.9587, 54.3376

Tritanomaly

29.9244, 32.3966, 46.7955

Monochromacy



Original Color

31.2761, 32.1912, 53.8553

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.3989, 31.7755, 41.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2761, 32.1912, 53.8553 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(137, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(137, 154, 191)  
}
```

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(137, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 154, 191) }
```

Border

The CSS property to change the border of an element to XYZ 31.2761, 32.1912, 53.8553 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(137, 154, 191) }
```


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

```
.border{ border-color:rgb(137, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(137, 154,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2761, 32.1912, 53.8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 154, 191) }
```

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

```
.background{ background-color: rgb(137,  
154, 191) }
```

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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