

Converting Colors

XYZ(21.2323, 23.0992, 26.6770)

Have a look what the booklet for
XYZ(21.2323, 23.0992, 26.6770)
contains.

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Color

**XYZ(21.2812, 23.1129,
26.6321)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8688
RGB	124, 134, 136
RGB Percent	49%, 53%, 53%
CMY	0.5137, 0.4745, 0.4667
CMYK	0.09, 0.01, 0.00, 0.47
HSL	190°, 5%, 51%
HSV	190°, 9%, 53%
XYZ	21.2812, 23.1129, 26.6321
YIQ	131.2380, -6.6020, -1.4980

Conversions

Conversions Part 2

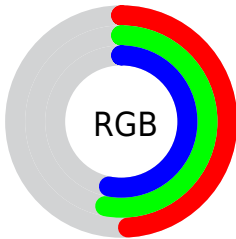
Format	Color
R_{YB}	124, 129, 136
Decimal	8160904
CIE _{Lab}	55.19, -3.23, -2.34
CIE _{LCh}	55, 3.989, 215.887
Yxy	23.1129, 0.2996, 0.3254
Android (android.graphics.Color)	4286350984 (0xFF7C8688)
YUV	131.2380, 2.3477, -6.3477
Hunter-Lab	48.0759, -5.1182, 0.8088

Details

The XYZ color **21.2812, 23.1129, 26.6321** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2523, 21.6109, 22.1203**, and the grayscale version is **21.6526, 22.7802, 24.8076**.

A 20% lighter version of the original color is **45.0871, 48.5619, 55.1411**, and **7.7517, 8.5084, 10.0378** is the 20% darker color. If you saturate the color by 10%, you get **19.1404, 21.5503, 26.4437**, and if you desaturate by 10%, it is **23.7012, 24.8306, 26.8365**.

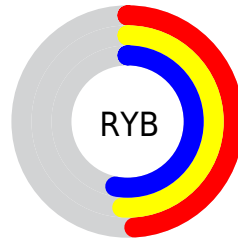
Distribution



Red (49%)

Green (53%)

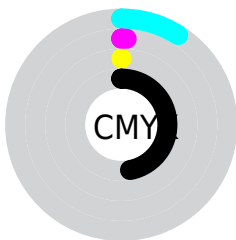
Blue (53%)



Red (49%)

Yellow (51%)

Blue (53%)

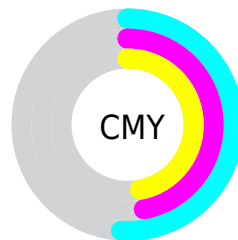


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2812, 23.1129, 26.6321 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 21.2812, 23.1129, 26.6321 by changing the saturation by 10% instead.

■ 21.2812, 23.1129,
26.6321

■ 21.2812, 23.1129,
26.6321

251.4727,
268.3043, 299.5750

■ 13.4433, 14.6769,
17.0671

■ 45.0428, 48.5786,
55.2895

■ 7.8136, 8.5929,
10.1199

■ 61.6973, 66.3772,
75.2190

■ 4.0267, 4.4766,
5.3719

■ 82.0213, 88.0653,
99.4404

■ 1.7173, 1.9436,
2.4045

106.3803,
114.0275, 128.3722

■ 0.4670, 0.5744,
0.7889

135.1396,
144.6481, 162.4331

■ 0.0000, 0.0000,
0.0000

168.6645,

180.3115, 202.0414

207.3204,
221.4021, 247.6159

■ 21.2812, 23.1129,
26.6321

■ 21.2812, 23.1129,
26.6321

■ 19.1404, 21.5503,
26.4437

■ 23.7012, 24.8306,
26.8365

■ 17.2656, 20.1342,
26.2692

■ 26.4087, 26.7059,
27.0557

■ 15.6458, 18.8593,
26.1084

■ 29.4144, 28.7449,
27.2909

■ 14.2681, 17.7190,
25.9610

■ 32.7276, 30.9527,
27.5424

■ 13.1188, 16.7061,
25.8260

■ 36.3573, 33.3337,
27.8107

■ 12.1824, 15.8126,
25.7029

■ 40.3122, 35.8927,
28.0962

■ 11.4419, 15.0297,
25.5908

■ 44.6005, 38.6338,
28.3992

■ 10.8773, 14.3469,
25.4888

■ 49.2303, 41.5614,
28.7203

■ 10.4396, 13.7390,
25.3945

■ 54.2091, 44.6793,
29.0597

Harmonies

Analogous

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



21.1268, 23.1129, 25.4186



21.2812, 23.1129, 26.6321



21.6199, 23.1129, 27.4730

Triad

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



21.2812, 23.1129, 26.6321



22.7595, 23.1129, 26.1819



21.8803, 23.1129, 22.8031

Complementary

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



21.2812, 23.1129, 26.6321



21.2523, 21.6109, 22.1203

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.



22.3200, 23.1129, 22.9920



21.2812, 23.1129, 26.6321



22.8315, 23.1129, 24.9152

Square

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



21.2812, 23.1129, 26.6321



22.4742, 23.1129, 27.2070



22.6697, 23.1129, 23.7548



21.4697, 23.1129, 23.2298

Rectangle

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



21.2812, 23.1129, 26.6321



21.9067, 23.1129, 27.6939



22.6697, 23.1129, 23.7548



22.0296, 23.1129, 22.7969

Sweetspot

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



21.2819, 23.1139, 26.6326



39.8985, 42.4414, 47.1375



20.8696, 23.3949, 23.0871



9.1658, 9.7763, 10.9103



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



21.2819, 23.1139, 26.6326



36.5489, 40.0431, 46.8511



20.5017, 21.5536, 26.3726



5.1032, 5.5493, 6.4080



9.8391, 12.9485, 24.0264



0.0741, 0.1035, 0.1625

Inverse Universe

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



21.6646, 21.3712, 25.5387



37.3984, 36.2082, 44.4152



22.0159, 23.1381, 22.3748



5.1987, 5.1149, 6.1349



12.4531, 6.0914, 15.4224



0.0871, 0.0422, 0.1256

Previews

White Background



This preview shows how the XYZ color 21.2812, 23.1129, 26.6321 looks on a white background.

Color Contrast Check

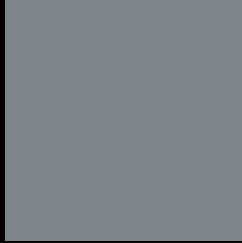
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2812, 23.1129, 26.6321 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

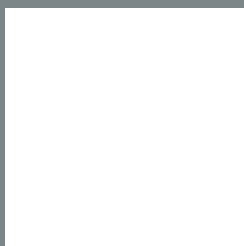
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.2812, 23.1129, 26.6321

Background



This preview shows how black text looks on a background with the XYZ color 21.2812, 23.1129, 26.6321.



This preview shows how white text looks on a background with the XYZ color 21.2812, 23.1129,

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

21.2812, 23.1129, 26.6321

Protanopia

22.2509, 23.0222, 25.8252

Deuteranopia

23.3899, 22.9953, 26.8727



Tritanopia

21.8029, 23.1182, 29.2997

Trichromacy



Original Color

21.2812, 23.1129, 26.6321

Protanomaly

21.8304, 22.9976, 26.2101

Deuteranomaly

22.4897, 22.9223, 26.9060

Tritanomaly

21.5786, 23.0285, 28.1186

Monochromacy



Original Color

21.2812, 23.1129, 26.6321

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.3870, 22.7852, 25.4611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2812, 23.1129, 26.6321 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(124, 134, 136)` looks like.

```
.text, #text, p{  
    color:rgb(124, 134, 136)  
}
```

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(124, 134, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 134, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.2812, 23.1129, 26.6321 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(124, 134, 136) }
```


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

```
.border{ border-color:rgb(124, 134, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 134, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 134, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 134, 136);  
box-shadow:4px 4px 4px 4px rgb(124, 134,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2812, 23.1129, 26.6321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 134, 136) }
```

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

```
.background{ background-color: rgb(124,  
134, 136) }
```

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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