

Converting Colors

XYZ(23.0504, 21.3364, 26.3794)

Have a look what the booklet for
XYZ(23.0504, 21.3364, 26.3794)
contains.

XYZ(23.0145, 21.3215, 26.1950)	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(23.0145, 21.3215,
26.1950)**

Conversions

Conversions Part 1

Format	Color
Hex	927888
RGB	146, 120, 136
RGB Percent	57%, 47%, 53%
CMY	0.4274, 0.5294, 0.4667
CMYK	0.00, 0.18, 0.07, 0.43
HSL	323°, 11%, 52%
HSV	323°, 18%, 57%
XYZ	23.0145, 21.3215, 26.1950
YIQ	129.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

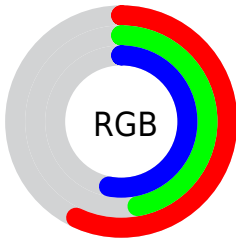
Format	Color
R_{YB}	146, 120, 136
Decimal	9599112
CIE _{Lab}	53.30, 12.94, -4.91
CIE _{LCh}	53, 13.838, 339.229
Yxy	21.3215, 0.3263, 0.3023
Android (android.graphics.Color)	4287789192 (0xFF927888)
YUV	129.5980, 3.1562, 14.3846
Hunter-Lab	46.1752, 8.1608, -1.3123

Details

The XYZ color **23.0145, 21.3215, 26.1950** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0548, 26.1632, 25.0080**, and the grayscale version is **21.0634, 22.1604, 24.1326**.

A 20% lighter version of the original color is **47.7572, 45.4585, 54.4014**, and **8.6523, 7.6113, 9.8172** is the 20% darker color. If you saturate the color by 10%, you get **21.0021, 17.9186, 23.6064**, and if you desaturate by 10%, it is **25.3168, 25.2701, 28.9839**.

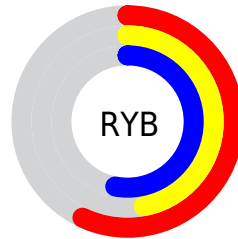
Distribution



Red (57%)

Green (47%)

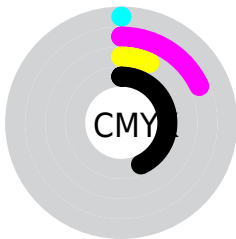
Blue (53%)



Red (57%)

Yellow (47%)

Blue (53%)

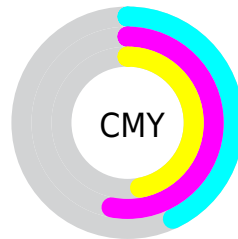


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0145, 21.3215, 26.1950 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 23.0145, 21.3215, 26.1950 by changing the saturation by 10% instead.

■ 23.0145, 21.3215,
26.1950

■ 23.0145, 21.3215,
26.1950

260.3334,
258.9822, 297.3739

■ 14.7250, 13.3592,
16.7425

■ 47.8836, 45.6220,
54.5773

■ 8.7116, 7.6764,
9.8911

■ 65.1939, 62.7290,
74.3442

■ 4.6092, 3.8886,
5.2221

■ 86.2418, 83.6530,
98.3863

■ 2.0522, 1.6114,
2.3172

111.3928,
108.7784, 127.1221

■ 0.6630, 0.3653,
0.7408

141.0120,
138.4897, 160.9703

■ 0.0000, 0.0000,
0.0000

175.4650,

173.1711, 200.3493

215.1170,
213.2071, 245.6776

■ 23.0145, 21.3215,
26.1950

■ 23.0145, 21.3215,
26.1950

■ 21.0021, 17.9186,
23.6064

■ 25.3168, 25.2701,
28.9839

■ 19.2654, 15.0344,
21.2111

■ 27.9187, 29.7844,
31.9772

■ 17.7916, 12.6436,
19.0035

■ 30.8319, 34.8867,
35.1805

■ 16.5663, 10.7177,
16.9772

■ 34.0668, 40.5975,
38.5987

■ 15.5734, 9.2254,
15.1250

■ 37.6333, 46.9360,
42.2365

■ 14.7951, 8.1313,
13.4393

■ 41.5408, 53.9208,
46.0986

■ 14.2105, 7.3946,
11.9115

■ 45.7985, 61.5696,
50.1893

■ 13.7804, 6.9372,
10.5265

■ 50.4151, 69.8995,
54.5130

■ 13.6929, 6.8466,
10.2370

■ 55.3990, 78.9268,
59.0737

Harmonies

Analogous

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



22.0993, 21.3215, 30.0408



23.0145, 21.3215, 26.1950



23.1744, 21.3215, 21.9457

Triad

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



23.0145, 21.3215, 26.1950



19.8171, 21.3215, 16.1294



18.1612, 21.3215, 28.6993

Complementary

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



23.0145, 21.3215, 26.1950



22.0548, 26.1632, 25.0080

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.



17.6107, 21.3215, 24.5333



23.0145, 21.3215, 26.1950



18.5360, 21.3215, 17.5112

Square

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



23.0145, 21.3215, 26.1950



21.2807, 21.3215, 16.4610



17.7445, 21.3215, 20.4709



19.2830, 21.3215, 31.6033

Rectangle

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



23.0145, 21.3215, 26.1950



22.8239, 21.3215, 19.4954



17.7445, 21.3215, 20.4709



17.9057, 21.3215, 27.3811

Sweetspot

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



23.0151, 21.3224, 26.1955



45.8496, 46.6328, 52.5226



21.1065, 20.2525, 29.9913



10.1379, 10.2671, 11.6122



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.0151, 21.3224, 26.1955



39.2581, 35.3333, 44.5183



22.1486, 20.9758, 21.6322



5.9417, 5.8717, 6.7992



12.0607, 6.0293, 9.0667



0.1621, 0.0796, 0.1871

Inverse Universe

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



23.0151, 21.3224, 26.1955



39.2581, 35.3333, 44.5183



22.9808, 26.5336, 29.8842



5.9417, 5.8717, 6.7992



12.0607, 6.0293, 9.0667



0.1621, 0.0796, 0.1871

Previews

White Background



This preview shows how the XYZ color 23.0145, 21.3215, 26.1950 looks on a white background.

Color Contrast Check

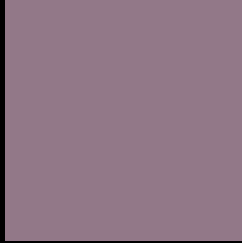
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0145, 21.3215, 26.1950 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

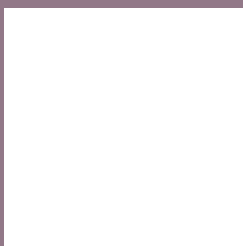
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0145, 21.3215, 26.1950

Background



This preview shows how black text looks on a background with the XYZ color 23.0145, 21.3215, 26.1950.



This preview shows how white text looks on a background with the XYZ color 23.0145, 21.3215,

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

23.0145, 21.3215, 26.1950

Protanopia

20.9272, 21.5078, 27.8594

Deuteranopia

21.7342, 21.3988, 25.9065



Tritanopia

22.5437, 21.3062, 24.0434

Trichromacy



Original Color

23.0145, 21.3215, 26.1950

Protanomaly

21.5407, 21.2659, 27.3955

Deuteranomaly

22.2714, 21.4906, 25.8960

Tritanomaly

22.6793, 21.3604, 24.7574

Monochromacy



Original Color

23.0145, 21.3215, 26.1950

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.7791, 21.8219, 24.8940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0145, 21.3215, 26.1950 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(146, 120, 136)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 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(146, 120, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.0145, 21.3215, 26.1950 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(146, 120, 136) }
```


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

```
.border{ border-color:rgb(146, 120, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 120, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 136);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0145, 21.3215, 26.1950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 136) }
```

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

```
.background{ background-color: rgb(146,  
120, 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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