

Converting Colors

XYZ(23.2204, 27.2088, 14.1078)

Have a look what the booklet for
XYZ(23.2204, 27.2088, 14.1078)
contains.

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Color

**XYZ(23.1807, 27.2156,
14.1566)**

Conversions

Conversions Part 1

Format	Color
Hex	8C935C
RGB	140, 147, 92
RGB Percent	55%, 58%, 36%
CMY	0.4510, 0.4235, 0.6392
CMYK	0.05, 0.00, 0.37, 0.42
HSL	68°, 23%, 47%
HSV	68°, 37%, 58%
XYZ	23.1807, 27.2156, 14.1566
YIQ	138.6370, 13.4830, -18.5890

Conversions

Conversions Part 2

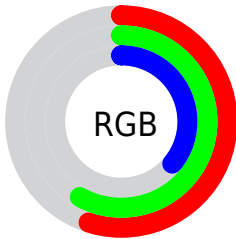
Format	Color
RYB	92, 147, 99
Decimal	9212764
CIELab	59.17, -11.63, 28.29
CIELCh	59, 30.587, 112.351
Yxy	27.2156, 0.3591, 0.4216
Android (android.graphics.Color)	4287402844 (0xFF8C935C)
YUV	138.6370, -22.9920, 1.1954
Hunter-Lab	52.1686, -11.9799, 20.4289

Details

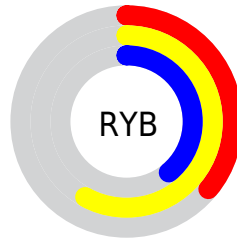
The XYZ color **23.1807, 27.2156, 14.1566** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.2402, 12.4142, 29.2510**, and the grayscale version is **24.4835, 25.7586, 28.0511**.

A 20% lighter version of the original color is **48.0927, 55.2258, 34.1115**, and **8.8682, 10.8627, 4.1119** is the 20% darker color. If you saturate the color by 10%, you get **22.2870, 26.8229, 11.0798**, and if you desaturate by 10%, it is **24.2059, 27.6634, 17.8916**.

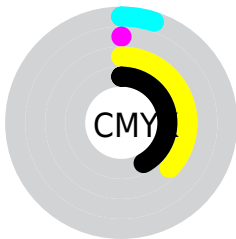
Distribution



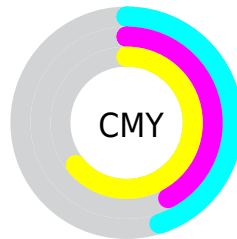
- Red (55%)
- Green (58%)
- Blue (36%)



- Red (36%)
- Yellow (58%)
- Blue (39%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (42%)



- Cyan (45%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1807, 27.2156, 14.1566 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 23.1807, 27.2156, 14.1566 by changing the saturation by 10% instead.

■ 23.1807, 27.2156,
14.1566

■ 23.1807, 27.2156,
14.1566

261.1698,
288.6995, 229.6651

■ 14.8484, 17.7352,
8.0897

■ 48.1543, 55.2296,
34.0878

■ 8.7987, 10.7601,
4.0638

■ 65.5264, 74.5321,
48.7891

■ 4.6662, 5.9057,
1.6604

■ 86.6425, 97.8773,
67.2056

■ 2.0855, 2.7878,
0.3334

■ 111.8678,
125.6498, 89.7558

■ 0.6813, 1.0220,
0.0000

141.5679,
158.2338, 116.8584

■ 0.0000, 0.0000,
0.0000

176.1080,

196.0139, 148.9317

215.8535,
239.3743, 186.3944

■ 23.1807, 27.2156,
14.1566

■ 23.1807, 27.2156,
14.1566

■ 22.2870, 26.8229,
11.0798

■ 24.2059, 27.6634,
17.8916

■ 21.5154, 26.4788,
8.6213

■ 25.3671, 28.1653,
22.3183

■ 20.8587, 26.1812,
6.7397


■ 26.6714, 28.7250,
27.4696


■ 20.3077, 25.9265,
5.3876


■ 28.1245, 29.3448,
33.3762


■ 19.8521, 25.7106,
4.5103


■ 29.7319, 30.0271,
40.0669


 19.4733, 25.5260,
4.0098

 31.4988, 30.7737,
47.5688

 19.3793, 25.4799,
3.8967

 33.4302, 31.5868,
55.9080

 35.5308, 32.4682,
65.1092

 37.8051, 33.4198,
75.1963

Harmonies

Analogous

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



26.8550, 27.2156, 13.3243



23.1807, 27.2156, 14.1566



20.4902, 27.2156, 18.5768

Triad

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



23.1807, 27.2156, 14.1566



21.6461, 27.2156, 49.5412



33.8284, 27.2156, 32.5143

Complementary

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



23.1807, 27.2156, 14.1566



14.2402, 12.4142, 29.2510

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.



32.1120, 27.2156, 44.3841



23.1807, 27.2156, 14.1566



24.9047, 27.2156, 55.6686

Square

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



23.1807, 27.2156, 14.1566



19.6668, 27.2156, 38.3486



28.7545, 27.2156, 53.5799



33.2515, 27.2156, 22.3496

Rectangle

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



23.1807, 27.2156, 14.1566



19.4960, 27.2156, 23.7166



28.7545, 27.2156, 53.5799



33.4951, 27.2156, 36.4599

Sweetspot

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



23.1814, 27.2168, 14.1572



46.8412, 51.0451, 45.5196



18.3721, 15.7900, 12.2051



10.6277, 11.6245, 10.1335



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.1814, 27.2168, 14.1572



40.1350, 48.1328, 20.5904



19.1873, 25.1578, 13.9703



6.1935, 6.7076, 6.2087



16.8142, 22.0959, 3.3787



0.2221, 0.2789, 0.0421

Inverse Universe

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



14.2402, 12.4142, 29.2510



21.7242, 17.6370, 51.6939



17.6864, 14.1908, 29.4123



5.5641, 5.6663, 7.2702



4.8066, 1.9505, 24.0542



0.0721, 0.0307, 0.2950

Previews

White Background



This preview shows how the XYZ color 23.1807, 27.2156, 14.1566 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 23.1807, 27.2156, 14.1566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

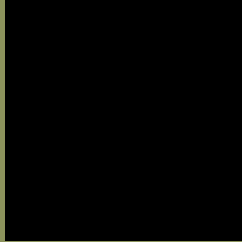
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1807, 27.2156, 14.1566

Background



This preview shows how black text looks on a background with the XYZ color 23.1807, 27.2156, 14.1566.



This preview shows how white text looks on a background with the XYZ color 23.1807, 27.2156,

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

23.1807, 27.2156, 14.1566

Protanopia

25.0360, 27.0527, 13.5750

Deuteranopia

27.6191, 27.0744, 14.3599



Tritanopia

26.9966, 27.1936, 33.1042

Trichromacy



Original Color

23.1807, 27.2156, 14.1566

Protanomaly

24.4393, 27.1859, 13.8568

Deuteranomaly

25.8511, 27.0201, 14.2088

Tritanomaly

25.3533, 27.1859, 25.0302

Monochromacy



Original Color

23.1807, 27.2156, 14.1566

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.8333, 26.2401, 22.2211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1807, 27.2156, 14.1566 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(140, 147, 92)` looks like.

```
.text, #text, p{  
    color:rgb(140, 147, 92)  
}
```

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(140, 147, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 147, 92) }
```

Border

The CSS property to change the border of an element to XYZ 23.1807, 27.2156, 14.1566 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(140, 147, 92) }
```


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

```
.border{ border-color:rgb(140, 147, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 147, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 147, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 147, 92);  
box-shadow:4px 4px 4px 4px rgb(140, 147,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1807, 27.2156, 14.1566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 147, 92) }
```

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

```
.background{ background-color: rgb(140,  
147, 92) }
```

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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