

Converting Colors

XYZ(23.1513, 22.7104, 34.1737)

Have a look what the booklet for
XYZ(23.1513, 22.7104, 34.1737)
contains.

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Color

**XYZ(23.1513, 22.7104,
34.1737)**

Conversions

Conversions Part 1

Format	Color
Hex	84809B
RGB	132, 128, 155
RGB Percent	52%, 50%, 61%
CMY	0.4823, 0.4980, 0.3922
CMYK	0.15, 0.17, 0.00, 0.39
HSL	249°, 12%, 55%
HSV	249°, 17%, 61%
XYZ	23.1513, 22.7104, 34.1737
YIQ	132.2740, -6.2830, 9.2450

Conversions

Conversions Part 2

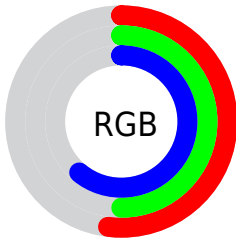
Format	Color
R_{YB}	132, 128, 155
Decimal	8683675
CIE Lab	54.77, 7.20, -13.90
CIE LCh	55, 15.652, 297.406
Yxy	22.7104, 0.2893, 0.2838
Android (android.graphics.Color)	4286873755 (0xFF84809B)
YUV	132.2740, 11.2039, -0.2403
Hunter-Lab	47.6554, 3.3194, -9.1580

Details

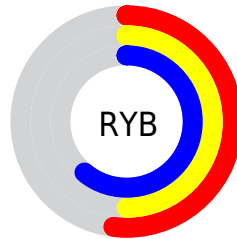
The XYZ color **23.1513, 22.7104, 34.1737** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.3808, 31.5811, 25.0230**, and the grayscale version is **21.9940, 23.1394, 25.1988**.

A 20% lighter version of the original color is **48.0401, 47.9655, 67.0479**, and **8.7743, 8.3853, 14.2528** is the 20% darker color. If you saturate the color by 10%, you get **19.3463, 17.9738, 33.4604**, and if you desaturate by 10%, it is **27.5280, 28.2013, 35.0032**.

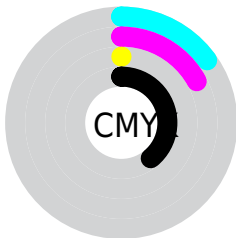
Distribution



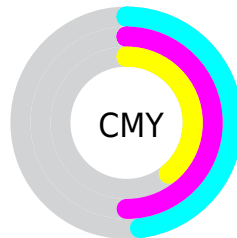
- Red (52%)
- Green (50%)
- Blue (61%)



- Red (52%)
- Yellow (50%)
- Blue (61%)



- Cyan (15%)
- Magenta (17%)
- Yellow (0%)
- Black (39%)



- Cyan (48%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1513, 22.7104, 34.1737 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 23.1513, 22.7104, 34.1737 by changing the saturation by 10% instead.

■ 23.1513, 22.7104,
34.1737

■ 23.1513, 22.7104,
34.1737

261.0220,
266.2340, 335.6986

■ 14.8266, 14.3798,
22.7486

■ 48.1065, 47.9174,
67.3407

■ 8.7833, 8.3853,
14.2045

■ 65.4676, 65.5625,
89.9197

■ 4.6561, 4.3425,
8.1226

■ 86.5716, 87.0814,
117.0537

■ 2.0796, 1.8669,
4.0846

111.7839,
112.8582, 149.1613

■ 0.6781, 0.5284,
1.6719

141.4697,
143.2775, 186.6611

■ 0.0000, 0.0000,
0.3414

175.9944,

■ 0.0000, 0.0000,

178.7237, 229.9716

0.0000

215.7234,
219.5810, 279.5112

■ 23.1513, 22.7104,
34.1737

■ 23.1513, 22.7104,
34.1737

■ 19.3463, 17.9738,
33.4604

■ 27.5280, 28.2013,
35.0032

■ 16.0870, 13.9558,
32.8566

■ 32.4965, 34.4747,
35.9522

■ 13.3490, 10.6218,
32.3574

■ 38.0786, 41.5605,
37.0257

■ 11.1047, 7.9335,
31.9568

■ 44.2945, 49.4866,
38.2280

■ 9.3241, 5.8486,
31.6482

■ 51.1631, 58.2793,
39.5632

■ 7.9740, 4.3196,
31.4242

■ 58.7029, 67.9637,
41.0351

■ 7.0165, 3.2921,
31.2764

■ 66.9314, 78.5641,
42.6474

■ 6.3954, 2.6780,
31.1905

■ 75.8656, 90.1037,
44.4039

■ 6.2689, 2.5483,
31.1722

■ 81.4024, 94.3661,
44.9348

Harmonies

Analogous

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



21.4355, 22.7104, 35.5035



23.1513, 22.7104, 34.1737



24.5076, 22.7104, 30.2159

Triad

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



23.1513, 22.7104, 34.1737



23.4252, 22.7104, 17.5461



18.4337, 22.7104, 24.2996

Complementary

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



23.1513, 22.7104, 34.1737



28.3808, 31.5811, 25.0230

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.



18.9056, 22.7104, 19.9480



23.1513, 22.7104, 34.1737



21.7363, 22.7104, 16.3881

Square

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



23.1513, 22.7104, 34.1737



24.6716, 22.7104, 20.6013



20.0920, 22.7104, 17.2057



18.7683, 22.7104, 29.3714

Rectangle

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



23.1513, 22.7104, 34.1737



24.9932, 22.7104, 26.8610



20.0920, 22.7104, 17.2057



18.5026, 22.7104, 22.7105

Sweetspot

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



23.1520, 22.7113, 34.1742



51.2679, 52.9850, 63.0613



25.9503, 29.2186, 35.2827



11.4772, 11.8328, 14.2494



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.1520, 22.7113, 34.1742



38.6216, 37.1281, 60.6672



25.3310, 23.8346, 34.2762



5.9654, 6.0681, 7.7858



5.0566, 2.0578, 25.0384



0.0947, 0.0406, 0.3752

Inverse Universe

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



26.8233, 24.6422, 32.6216



46.5029, 41.2748, 57.2547



26.0830, 30.3965, 24.9154



6.4219, 6.3079, 7.6017



14.2159, 6.9406, 18.1935



0.2219, 0.1075, 0.3215

Previews

White Background



This preview shows how the XYZ color 23.1513, 22.7104, 34.1737 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 23.1513, 22.7104, 34.1737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

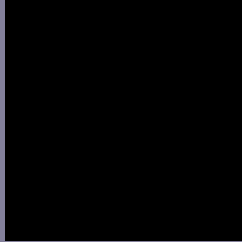
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1513, 22.7104, 34.1737

Background



This preview shows how black text looks on a background with the XYZ color 23.1513, 22.7104, 34.1737.



This preview shows how white text looks on a background with the XYZ color 23.1513, 22.7104,

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

23.1513, 22.7104, 34.1737

Protanopia

22.5876, 22.8012, 34.6631

Deuteranopia

23.1513, 22.7104, 34.1737



Tritanopia

21.9963, 22.6342, 28.4088

Trichromacy



Original Color

23.1513, 22.7104, 34.1737

Protanomaly

22.7531, 22.6900, 34.6329

Deuteranomaly

23.1513, 22.7104, 34.1737

Tritanomaly

22.3986, 22.6011, 30.3760

Monochromacy



Original Color

23.1513, 22.7104, 34.1737

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.3656, 23.0316, 28.0777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1513, 22.7104, 34.1737 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(132, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(132, 128, 155)  
}
```

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(132, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 23.1513, 22.7104, 34.1737 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(132, 128, 155) }
```


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

```
.border{ border-color:rgb(132, 128, 155) }
```

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

Here you see how a box with a 4 pixel rgb(132, 128, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(132, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1513, 22.7104, 34.1737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 128, 155) }
```

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

```
.background{ background-color: rgb(132,  
128, 155) }
```

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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