

Converting Colors

XYZ(23.0892, 21.5264, 13.9515)

Have a look what the booklet for
XYZ(23.0892, 21.5264, 13.9515)
contains.

XYZ(23.0062, 21.4091, 13.9861)	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(23.0062, 21.4091,
13.9861)**

Conversions

Conversions Part 1

Format	Color
Hex	9F7760
RGB	159, 119, 96
RGB Percent	62%, 47%, 38%
CMY	0.3765, 0.5333, 0.6235
CMYK	0.00, 0.25, 0.40, 0.38
HSL	22°, 25%, 50%
HSV	22°, 40%, 62%
XYZ	23.0062, 21.4091, 13.9861
YIQ	128.3380, 31.2230, 1.3270

Conversions

Conversions Part 2

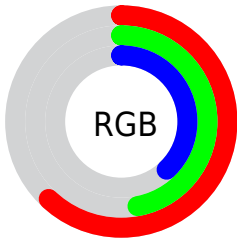
Format	Color
R_{YB}	159, 132, 96
Decimal	10450784
CIE _{Lab}	53.39, 12.49, 18.73
CIE _{LCh}	53, 22.517, 56.303
Yxy	21.4091, 0.3939, 0.3666
Android (android.graphics.Color)	4288640864 (0xFF9F7760)
YUV	128.3380, -15.9426, 26.8906
Hunter-Lab	46.2700, 7.7807, 14.4673

Details

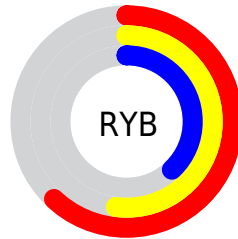
The XYZ color **23.0062, 21.4091, 13.9861** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.8856, 22.5974, 36.1145**, and the grayscale version is **20.6818, 21.7588, 23.6954**.

A 20% lighter version of the original color is **47.8537, 45.6795, 33.8986**, and **8.6884, 7.6662, 3.9275** is the 20% darker color. If you saturate the color by 10%, you get **21.2088, 18.8697, 10.1334**, and if you desaturate by 10%, it is **25.0804, 24.2650, 18.6621**.

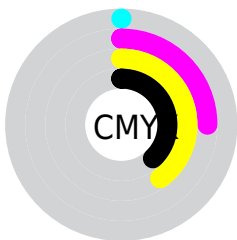
Distribution



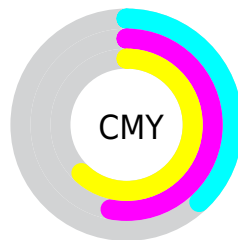
- Red (62%)
- Green (47%)
- Blue (38%)



- Red (62%)
- Yellow (52%)
- Blue (38%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.0062, 21.4091, 13.9861 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 23.0062, 21.4091, 13.9861 by changing the saturation by 10% instead.


 23.0062, 21.4091,
13.9861


 23.0062, 21.4091,
13.9861


260.2916,
259.4447, 228.5698


 14.7188, 13.4234,
7.9724


 47.8701, 45.7674,
33.7811


 8.7073, 7.7207,
3.9897


 65.1773, 62.9088,
48.3995

 4.6063, 3.9168,
1.6197

 86.2218, 83.8708,
66.7232

 2.0506, 1.6271,
0.3048

 111.3690,
109.0379, 89.1707

 0.6621, 0.3758,
0.0000

140.9842,
138.7944, 116.1605

 0.0000, 0.0000,
0.0000

175.4328,

173.5248, 148.1113

215.0802,
213.6134, 185.4415

■ 23.0062, 21.4091,
13.9861

■ 23.0062, 21.4091,
13.9861

■ 21.2088, 18.8697,
10.1334

■ 25.0804, 24.2650,
18.6621

■ 19.6736, 16.6322,
7.0539

■ 27.4418, 27.4453,
24.2046

■ 18.3870, 14.6853,
4.6944

■ 30.1022, 30.9613,
30.6554

■ 17.3334, 13.0157,
2.9940

■ 33.0722, 34.8227,
38.0533

■ 16.4949, 11.6088,
1.8814

■ 36.3618, 39.0391,
46.4346

■ 15.8366, 10.4427,
1.1982

■ 39.9808, 43.6194,
55.8340

■ 15.8140, 10.4028,
1.1744

■ 43.9382, 48.5723,
66.2841

■ 48.2429, 53.9063,
77.8164

■ 52.9032, 59.6295,
90.4608

Harmonies

Analogous

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



24.7526, 21.4091, 17.9518



23.0062, 21.4091, 13.9861



20.6464, 21.4091, 12.4894

Triad

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



23.0062, 21.4091, 13.9861



16.0987, 21.4091, 22.4726



22.4537, 21.4091, 37.2116

Complementary

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



23.0062, 21.4091, 13.9861



19.8856, 22.5974, 36.1145

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.



20.0539, 21.4091, 39.0654



23.0062, 21.4091, 13.9861



16.5008, 21.4091, 29.6427

Square

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



23.0062, 21.4091, 13.9861



16.7598, 21.4091, 16.7450



17.9042, 21.4091, 36.0646



24.4165, 21.4091, 31.4014

Rectangle

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



23.0062, 21.4091, 13.9861



19.0857, 21.4091, 12.8234



17.9042, 21.4091, 36.0646



21.6662, 21.4091, 38.3617

Sweetspot

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



23.0067, 21.4101, 13.9865



52.6160, 53.7490, 51.7296



22.9928, 17.5415, 25.8222



11.7302, 11.9437, 11.3406



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.0067, 21.4101, 13.9865



38.1957, 34.0985, 18.5907



27.2441, 29.8848, 15.3990



6.8215, 7.0230, 6.9817



12.5274, 8.2905, 0.9400



0.2626, 0.2254, 0.0297

Inverse Universe

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



19.8856, 22.5974, 36.1145



31.7601, 36.5144, 64.1175



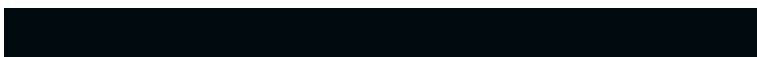
16.1796, 15.1853, 34.8791



6.6180, 7.1018, 8.4287



8.6547, 9.4010, 27.2657



0.1938, 0.2462, 0.5005

Previews

White Background



This preview shows how the XYZ color 23.0062, 21.4091, 13.9861 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 23.0062, 21.4091, 13.9861 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 23.0062, 21.4091, 13.9861

Background



This preview shows how black text looks on a background with the XYZ color 23.0062, 21.4091, 13.9861.



This preview shows how white text looks on a background with the XYZ color 23.0062, 21.4091,

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

23.0062, 21.4091, 13.9861

Protanopia

20.1728, 21.5927, 15.1612

Deuteranopia

21.9110, 21.5715, 13.8353



Tritanopia

24.6691, 21.3981, 21.8988

Trichromacy



Original Color

23.0062, 21.4091, 13.9861

Protanomaly

21.0873, 21.4974, 14.8424

Deuteranomaly

22.3515, 21.6153, 13.8206

Tritanomaly

23.9806, 21.2828, 18.7637

Monochromacy



Original Color

23.0062, 21.4091, 13.9861

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1335, 21.4172, 19.5431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0062, 21.4091, 13.9861 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(159, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 96)  
}
```

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(159, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 96) }
```

Border

The CSS property to change the border of an element to XYZ 23.0062, 21.4091, 13.9861 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(159, 119, 96) }
```


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

```
.border{ border-color:rgb(159, 119, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0062, 21.4091, 13.9861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 96) }
```

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

```
.background{ background-color: rgb(159,  
119, 96) }
```

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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