

Converting Colors

XYZ(23.7432, 21.8874, 20.8883)

Have a look what the booklet for
XYZ(23.7432, 21.8874, 20.8883)
contains.

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Color

**XYZ(23.6242, 21.7576,
20.7238)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7878
RGB	155, 120, 120
RGB Percent	61%, 47%, 47%
CMY	0.3922, 0.5294, 0.5294
CMYK	0.00, 0.23, 0.23, 0.39
HSL	0°, 15%, 54%
HSV	0°, 23%, 61%
XYZ	23.6242, 21.7576, 20.7238
YIQ	130.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

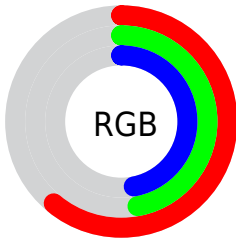
Format	Color
R_{YB}	155, 120, 120
Decimal	10188920
CIE _{Lab}	53.77, 13.64, 5.25
CIE _{LCh}	54, 14.617, 21.034
Yxy	21.7576, 0.3574, 0.3291
Android (android.graphics.Color)	4288379000 (0xFF9B7878)
YUV	130.4650, -5.1592, 21.5172
Hunter-Lab	46.6450, 8.7756, 6.3097

Details

The XYZ color **23.6242, 21.7576, 20.7238** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.3831, 29.8014, 35.4249**, and the grayscale version is **21.3959, 22.5102, 24.5136**.

A 20% lighter version of the original color is **48.7773, 46.1852, 45.3735**, and **9.0165, 7.8579, 7.1724** is the 20% darker color. If you saturate the color by 10%, you get **21.0432, 17.9810, 15.5921**, and if you desaturate by 10%, it is **26.6604, 26.2006, 26.7591**.

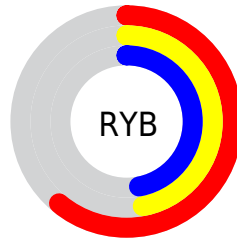
Distribution



Red (61%)

Green (47%)

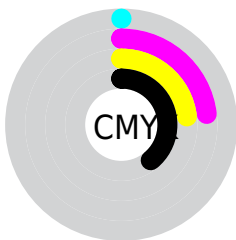
Blue (47%)



Red (61%)

Yellow (47%)

Blue (47%)

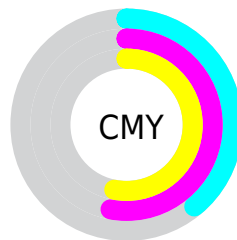


Cyan (0%)

Magenta (23%)

Yellow (23%)

Black (39%)



Cyan (39%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6242, 21.7576, 20.7238 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 23.6242, 21.7576, 20.7238 by changing the saturation by 10% instead.

■ 23.6242, 21.7576,
20.7238

■ 23.6242, 21.7576,
20.7238

263.3909,
261.2778, 268.5396

■ 15.1783, 13.6789,
12.7330

■ 48.8754, 46.3450,
45.5022

■ 9.0318, 7.8977,
7.1164

■ 66.4114, 63.6226,
63.1269

■ 4.8192, 4.0295,
3.4554

■ 87.7082, 84.7351,
84.7999

■ 2.1752, 1.6901,
1.3316

113.1311,
110.0672, 110.9399

■ 0.7296, 0.4172,
0.0875

143.0455,
140.0031, 141.9653

■ 0.0000, 0.0000,
0.0000

177.8166,

174.9272, 178.2947

217.8100,
215.2240, 220.3466

■ 23.6242, 21.7576,
20.7238

■ 23.6242, 21.7576,
20.7238

■ 21.0432, 17.9810,
15.5921

■ 26.6604, 26.2006,
26.7591

■ 18.8938, 14.8358,
11.3192

■ 30.1704, 31.3366,
33.7370

■ 17.1530, 12.2885,
7.8586

■ 34.1739, 37.1947,
41.6959

■ 15.7949, 10.3012,
5.1589

■ 38.6888, 43.8013,
50.6719

■ 14.7908, 8.8318,
3.1629

■ 43.7325, 51.1814,
60.6989

■ 14.1077, 7.8322,
1.8052

■ 49.3211, 59.3591,
71.8094

■ 13.7066, 7.2452,
1.0081

■ 55.4705, 68.3571,
84.0346

■ 13.5178, 6.9689,
0.6327

■ 62.1954, 78.1974,
97.4044

■ 67.3276, 85.7086,
107.6026

Harmonies

Analogous

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



23.8040, 21.7576, 25.0620



23.6242, 21.7576, 20.7238



22.6349, 21.7576, 17.5899

Triad

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



23.6242, 21.7576, 20.7238



18.4228, 21.7576, 18.6637



20.2135, 21.7576, 33.2861

Complementary

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



23.6242, 21.7576, 20.7238



25.3831, 29.8014, 35.4249

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.



18.8410, 21.7576, 31.0597



23.6242, 21.7576, 20.7238



17.8420, 21.7576, 22.3697

Square

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



23.6242, 21.7576, 20.7238



19.6164, 21.7576, 16.5091



17.9911, 21.7576, 26.9272



21.7813, 21.7576, 32.7000

Rectangle

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



23.6242, 21.7576, 20.7238



21.6756, 21.7576, 16.4255



17.9911, 21.7576, 26.9272



19.7153, 21.7576, 32.8324

Sweetspot

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



23.6248, 21.7586, 20.7242



51.0602, 51.7720, 54.5114



26.1506, 22.7683, 34.0269



11.4813, 11.6072, 12.1874



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.



23.6248, 21.7586, 20.7242



39.9232, 35.4756, 32.3711



25.9248, 26.3586, 21.4909



6.2088, 6.2228, 6.4797



10.8575, 5.5975, 0.5082



0.1623, 0.0837, 0.0076

Inverse Universe

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



25.3831, 29.8014, 35.4249



43.6293, 52.4278, 63.3564



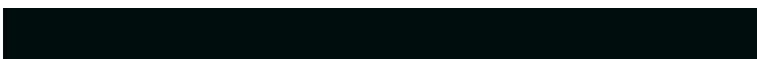
22.6792, 24.3937, 34.5236



6.3846, 7.0265, 7.9487



14.1649, 20.7264, 28.1617



0.2118, 0.3099, 0.4210

Previews

White Background



This preview shows how the XYZ color 23.6242, 21.7576, 20.7238 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 23.6242, 21.7576, 20.7238 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 23.6242, 21.7576, 20.7238

Background



This preview shows how black text looks on a background with the XYZ color 23.6242, 21.7576, 20.7238.



This preview shows how white text looks on a background with the XYZ color 23.6242, 21.7576,

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

23.6242, 21.7576, 20.7238

Protanopia

20.8730, 21.7991, 22.1763

Deuteranopia

22.2145, 21.7670, 20.4834



Tritanopia

24.2034, 21.8201, 23.3581

Trichromacy



Original Color

23.6242, 21.7576, 20.7238

Protanomaly

21.7240, 21.6727, 21.7772

Deuteranomaly

22.8072, 21.8874, 20.4754

Tritanomaly

24.0088, 21.7422, 22.3333

Monochromacy



Original Color

23.6242, 21.7576, 20.7238

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8742, 21.9170, 22.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6242, 21.7576, 20.7238 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(155, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(155, 120, 120)  
}
```

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(155, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.6242, 21.7576, 20.7238 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(155, 120, 120) }
```


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

```
.border{ border-color:rgb(155, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(155, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6242, 21.7576, 20.7238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 120, 120) }
```

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

```
.background{ background-color: rgb(155,  
120, 120) }
```

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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