

Converting Colors

XYZ(23.7362, 29.5936, 22.1233)

Have a look what the booklet for
XYZ(23.7362, 29.5936, 22.1233)
contains.

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Color

**XYZ(23.7361, 29.4930,
22.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	7D9C78
RGB	125, 156, 120
RGB Percent	49%, 61%, 47%
CMY	0.5098, 0.3882, 0.5294
CMYK	0.20, 0.00, 0.23, 0.39
HSL	112°, 15%, 54%
HSV	112°, 23%, 61%
XYZ	23.7361, 29.4930, 22.2110
YIQ	142.6270, -6.9200, -17.7680

Conversions

Conversions Part 2

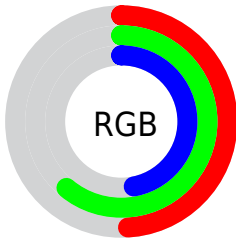
Format	Color
RYB	120, 156, 151
Decimal	8232056
CIELab	61.21, -17.95, 15.39
CIELCh	61, 23.650, 139.387
Yxy	29.4930, 0.3146, 0.3909
Android (android.graphics.Color)	4286422136 (0xFF7D9C78)
YUV	142.6270, -11.1551, -15.4589
Hunter-Lab	54.3075, -17.0213, 13.7664

Details

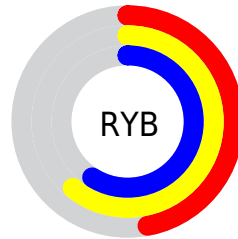
The XYZ color **23.7361, 29.4930, 22.2110** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.4810, 22.4134, 34.4373**, and the grayscale version is **26.0054, 27.3597, 29.7948**.

A 20% lighter version of the original color is **49.1008, 59.0321, 47.8362**, and **9.0906, 12.0539, 7.8088** is the 20% darker color. If you saturate the color by 10%, you get **21.0353, 28.2022, 17.5387**, and if you desaturate by 10%, it is **26.8581, 30.9848, 27.7095**.

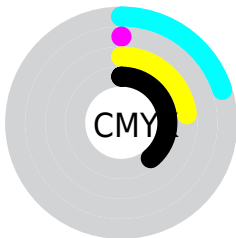
Distribution



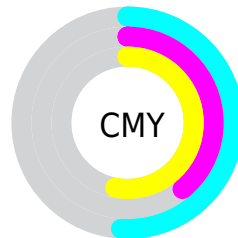
- Red (49%)
- Green (61%)
- Blue (47%)



- Red (47%)
- Yellow (61%)
- Blue (59%)



- Cyan (20%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)



- Cyan (51%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7361, 29.4930, 22.2110 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 23.7361, 29.4930, 22.2110 by changing the saturation by 10% instead.

■ 23.7361, 29.4930,
22.2110

■ 23.7361, 29.4930,
22.2110

263.9489,
299.5340, 276.6356

■ 15.2616, 19.4541,
13.8122

■ 49.0570, 58.8595,
48.0011

■ 9.0907, 11.9988,
7.8529

■ 66.6342, 78.9558,
66.2296

■ 4.8580, 6.7429,
3.9146

■ 87.9764, 103.1734,
88.5717

■ 2.1981, 3.3018,
1.5786

113.4488,
131.8966, 115.4459

■ 0.7417, 1.2913,
0.2755

143.4169,
165.5099, 147.2709

■ 0.0000, 0.1344,
0.0000

178.2461,

■ 0.0000, 0.0000,

204.3976, 184.4651

0.0000

218.3016,
248.9442, 227.4472

■ 23.7361, 29.4930,
22.2110

■ 23.7361, 29.4930,
22.2110

■ 21.0353, 28.2022,
17.5387

■ 26.8581, 30.9848,
27.7095

■ 18.7352, 27.1001,
13.6508

■ 30.4158, 32.6818,
34.0694

■ 16.8173, 26.1790,
10.5049

■ 34.4260, 34.5927,
41.3262

■ 15.2606, 25.4292,
8.0538

■ 38.9039, 36.7246,
49.5127

■ 14.0421, 24.8398,
6.2449

■ 43.8640, 39.0843,
58.6602

■ 13.1358, 24.3988,
5.0180

■ 49.3201, 41.6783,
68.7984

■ 12.5123, 24.0925,
4.3014

■ 55.2856, 44.5128,
79.9561

■ 12.2126, 23.9449,
3.9782

■ 61.7731, 47.5938,
92.1603

■ 67.9125, 50.5742,
100.7901

Harmonies

Analogous

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



26.0949, 29.4930, 18.5231



23.7361, 29.4930, 22.2110



22.5593, 29.4930, 29.0629

Triad

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



23.7361, 29.4930, 22.2110



26.9460, 29.4930, 52.0426



34.0555, 29.4930, 26.7602

Complementary

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



23.7361, 29.4930, 22.2110



25.4810, 22.4134, 34.4373

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.



34.3256, 29.4930, 35.3691



23.7361, 29.4930, 22.2110



30.0631, 29.4930, 51.1132

Square

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



23.7361, 29.4930, 22.2110



24.3194, 29.4930, 46.9357



32.8177, 29.4930, 44.5913



32.1048, 29.4930, 20.7942

Rectangle

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



23.7361, 29.4930, 22.2110



22.5401, 29.4930, 34.9860



32.8177, 29.4930, 44.5913



34.3510, 29.4930, 29.4015

Sweetspot

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



23.7369, 29.4943, 22.2116



52.5196, 58.0589, 56.9933



28.1041, 30.4301, 22.1621



11.4811, 12.7395, 12.4059



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.



23.7369, 29.4943, 22.2116



40.3314, 52.2385, 35.5118



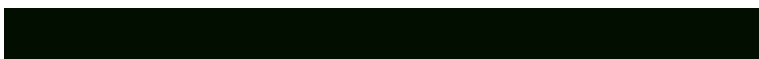
23.8412, 29.4538, 26.4751



6.6322, 7.4430, 7.0728



10.0775, 19.7319, 3.2775



0.2017, 0.3639, 0.0596

Inverse Universe

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



25.4810, 22.4134, 34.4373



44.0968, 36.9347, 61.9317



25.4161, 22.4970, 29.1496



6.8136, 6.7079, 8.3423



13.1069, 6.1859, 26.4104



0.2570, 0.1223, 0.4733

Previews

White Background



This preview shows how the XYZ color 23.7361, 29.4930, 22.2110 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 23.7361, 29.4930, 22.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

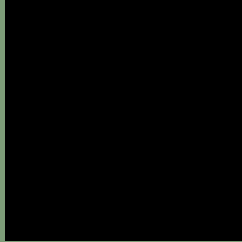
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.7361, 29.4930, 22.2110

Background



This preview shows how black text looks on a background with the XYZ color 23.7361, 29.4930, 22.2110.



This preview shows how white text looks on a background with the XYZ color 23.7361, 29.4930,

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

23.7361, 29.4930, 22.2110

Protanopia

27.4907, 29.2965, 20.7289

Deuteranopia

29.8257, 29.3221, 22.8266



Tritanopia

26.9437, 29.3269, 38.4230

Trichromacy



Original Color

23.7361, 29.4930, 22.2110

Protanomaly

25.7943, 29.1168, 21.0902

Deuteranomaly

27.2730, 29.1426, 22.6000

Tritanomaly

25.5480, 29.2302, 31.8992

Monochromacy



Original Color

23.7361, 29.4930, 22.2110

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.1164, 28.1633, 27.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7361, 29.4930, 22.2110 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(125, 156, 120)` looks like.

```
.text, #text, p{  
    color:rgb(125, 156, 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(125, 156, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 156, 120) }
```

Border

The CSS property to change the border of an element to XYZ 23.7361, 29.4930, 22.2110 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(125, 156, 120) }
```


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

```
.border{ border-color:rgb(125, 156, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 156, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 156, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 156, 120);  
box-shadow:4px 4px 4px 4px rgb(125, 156,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7361, 29.4930, 22.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 156, 120) }
```

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

```
.background{ background-color: rgb(125,  
156, 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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