

Converting Colors

XYZ(23.1220, 29.7361, 25.4819)

Have a look what the booklet for
XYZ(23.1220, 29.7361, 25.4819)
contains.

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Color

**XYZ(23.2375, 29.9187,
25.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	719F82
RGB	113, 159, 130
RGB Percent	44%, 62%, 51%
CMY	0.5569, 0.3765, 0.4902
CMYK	0.29, 0.00, 0.18, 0.38
HSL	142°, 19%, 53%
HSV	142°, 29%, 62%
XYZ	23.2375, 29.9187, 25.6692
YIQ	141.9400, -18.1070, -18.7710

Conversions

Conversions Part 2

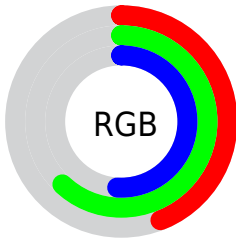
Format	Color
R_{YB}	113, 147, 159
Decimal	7446402
CIE _{Lab}	61.58, -21.77, 10.21
CIE _{LCh}	62, 24.045, 154.862
Yxy	29.9187, 0.2948, 0.3796
Android (android.graphics.Color)	4285636482 (0xFF719F82)
YUV	141.9400, -5.8864, -25.3804
Hunter-Lab	54.6980, -19.8888, 10.4644

Details

The XYZ color **23.2375, 29.9187, 25.6692** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0868, 21.1350, 28.3499**, and the grayscale version is **25.7158, 27.0550, 29.4629**.

A 20% lighter version of the original color is **48.3197, 59.6190, 53.7607**, and **8.7928, 12.1662, 9.6695** is the 20% darker color. If you saturate the color by 10%, you get **20.7280, 28.6998, 22.2091**, and if you desaturate by 10%, it is **26.1726, 31.3510, 29.4928**.

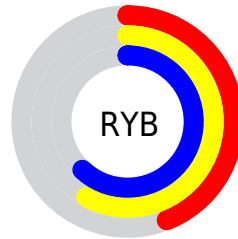
Distribution



Red (44%)

Green (62%)

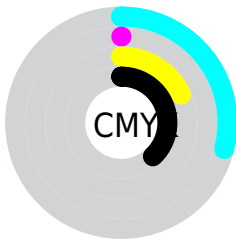
Blue (51%)



Red (44%)

Yellow (58%)

Blue (62%)

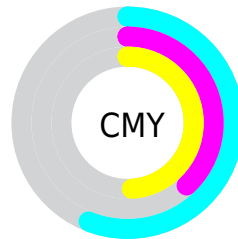


Cyan (29%)

Magenta (0%)

Yellow (18%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2375, 29.9187, 25.6692 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 23.2375, 29.9187, 25.6692 by changing the saturation by 10% instead.

■ 23.2375, 29.9187,
25.6692

■ 23.2375, 29.9187,
25.6692

261.4551,
301.5253, 294.7080

■ 14.8906, 19.7769,
16.3528

■ 48.2468, 59.5336,
53.7183

■ 8.8285, 12.2330,
9.6171

■ 65.6399, 79.7754,
73.2881

■ 4.6857, 6.9025,
5.0436

■ 86.7792, 104.1528,
97.1128

■ 2.0969, 3.4012,
2.2137

■ 112.0300,
133.0500, 125.6108

■ 0.6875, 1.3446,
0.6822

141.7576,
166.8514, 159.2009

■ 0.0000, 0.1754,
0.0000

176.3274,

■ 0.0000, 0.0000,

205.9415, 198.3014

0.0000

216.1048,
250.7047, 243.3309

■ 23.2375, 29.9187,
25.6692

■ 23.2375, 29.9187,
25.6692

■ 20.7280, 28.6998,
22.2091

■ 26.1726, 31.3510,
29.4928

■ 18.6212, 27.6804,
19.0996

■ 29.5500, 33.0028,
33.6881

■ 16.8954, 26.8502,
16.3304

■ 33.3885, 34.8843,
38.2655

■ 15.5261, 26.1969,
13.8895

■ 37.7049, 37.0040,
43.2346

■ 14.4855, 25.7064,
11.7643

■ 42.5154, 39.3700,
48.6044

■ 13.7416, 25.3625,
9.9415

■ 47.8352, 41.9900,
54.3838

■ 13.2311, 25.1328,
8.4052

■ 53.6790, 44.8715,
60.5812

■ 13.1819, 25.1106,
8.2570

■ 60.0607, 48.0214,
67.2050

■ 66.5863, 51.2364,
74.2442

Harmonies

Analogous

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



25.0728, 29.9187, 20.1836



23.2375, 29.9187, 25.6692



22.7524, 29.9187, 34.0880

Triad

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



23.2375, 29.9187, 25.6692



28.9599, 29.9187, 53.4024



33.7727, 29.9187, 23.5314

Complementary

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



23.2375, 29.9187, 25.6692



25.0868, 21.1350, 28.3499

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.



34.9970, 29.9187, 31.1101



23.2375, 29.9187, 25.6692



32.0890, 29.9187, 49.2212

Square

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



23.2375, 29.9187, 25.6692



25.9099, 29.9187, 51.2078



34.3590, 29.9187, 40.6232



31.1229, 29.9187, 19.1207

Rectangle

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



23.2375, 29.9187, 25.6692



23.2266, 29.9187, 40.5343



34.3590, 29.9187, 40.6232



34.3732, 29.9187, 25.7347

Sweetspot

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



23.2383, 29.9199, 25.6699



52.7644, 59.0267, 60.1414



26.5581, 31.7525, 20.3524



11.6967, 13.2101, 13.3159



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.



23.2383, 29.9199, 25.6699



38.5072, 52.0697, 41.7265



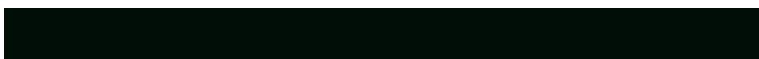
24.9480, 30.6038, 34.6728



6.6470, 7.4396, 7.5759



10.4298, 19.8399, 6.6203



0.2061, 0.3626, 0.2215

Inverse Universe

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



25.0868, 21.1350, 28.3499



42.3887, 33.6107, 47.3452



23.5419, 20.5171, 20.2148



6.8001, 6.7129, 7.7983



13.1398, 6.5605, 10.2531



0.2548, 0.1252, 0.2877

Previews

White Background



This preview shows how the XYZ color 23.2375, 29.9187, 25.6692 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 23.2375, 29.9187, 25.6692 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 23.2375, 29.9187, 25.6692

Background



This preview shows how black text looks on a background with the XYZ color 23.2375, 29.9187, 25.6692.



This preview shows how white text looks on a background with the XYZ color 23.2375, 29.9187,

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

23.2375, 29.9187, 25.6692

Protanopia

27.9383, 29.7030, 23.3295

Deuteranopia

30.2045, 29.6632, 26.3239



Tritanopia

26.1843, 29.8574, 40.4594

Trichromacy



Original Color

23.2375, 29.9187, 25.6692

Protanomaly

25.8093, 29.5383, 24.0798

Deuteranomaly

27.1250, 29.4567, 26.0859

Tritanomaly

24.9744, 29.8587, 34.5840

Monochromacy



Original Color

23.2375, 29.9187, 25.6692

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.5374, 27.8401, 28.1252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2375, 29.9187, 25.6692 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(113, 159, 130)` looks like.

```
.text, #text, p{  
    color:rgb(113, 159, 130)  
}
```

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(113, 159, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 159, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.2375, 29.9187, 25.6692 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(113, 159, 130) }
```


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

```
.border{ border-color:rgb(113, 159, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 159, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 159, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 159, 130);  
box-shadow:4px 4px 4px 4px rgb(113, 159,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2375, 29.9187, 25.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 159, 130) }
```

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

```
.background{ background-color: rgb(113,  
159, 130) }
```

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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