

Converting Colors

XYZ(23.1642, 29.6171, 14.6452)

Have a look what the booklet for
XYZ(23.1642, 29.6171, 14.6452)
contains.

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Color

**XYZ(23.1947, 29.6325,
14.6224)**

Conversions

Conversions Part 1

Format	Color
Hex	829D5C
RGB	130, 157, 92
RGB Percent	51%, 62%, 36%
CMY	0.4902, 0.3843, 0.6392
CMYK	0.17, 0.00, 0.41, 0.38
HSL	85°, 26%, 49%
HSV	85°, 41%, 62%
XYZ	23.1947, 29.6325, 14.6224
YIQ	141.5170, 4.7730, -25.9390

Conversions

Conversions Part 2

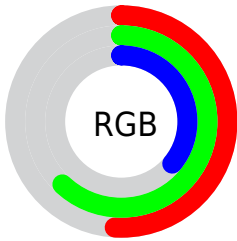
Format	Color
R_{YB}	92, 157, 119
Decimal	8559964
CIE _{Lab}	61.34, -20.89, 30.92
CIE _{LCh}	61, 37.314, 124.045
Yxy	29.6325, 0.3439, 0.4393
Android (android.graphics.Color)	4286750044 (0xFF829D5C)
YUV	141.5170, -24.4119, -10.1004
Hunter-Lab	54.4357, -19.2049, 22.1787

Details

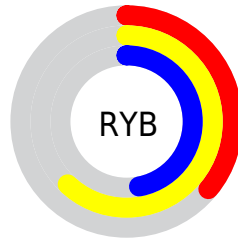
The XYZ color **23.1947, 29.6325, 14.6224** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5219, 14.0114, 33.6809**, and the grayscale version is **25.6131, 26.9469, 29.3452**.

A 20% lighter version of the original color is **48.2686, 59.2605, 34.8810**, and **8.8331, 12.1522, 4.2629** is the 20% darker color. If you saturate the color by 10%, you get **21.6096, 28.8875, 11.3295**, and if you desaturate by 10%, it is **24.9870, 30.4697, 18.6687**.

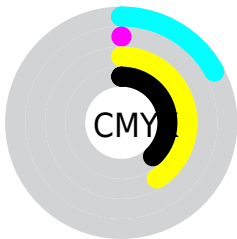
Distribution



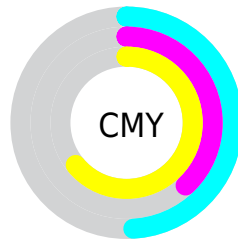
- Red (51%)
- Green (62%)
- Blue (36%)



- Red (36%)
- Yellow (62%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (41%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1947, 29.6325, 14.6224 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 23.1947, 29.6325, 14.6224 by changing the saturation by 10% instead.

■ 23.1947, 29.6325,
14.6224

■ 23.1947, 29.6325,
14.6224

261.2401,
300.1877, 232.6307

■ 14.8588, 19.5598,
8.4111

■ 48.1771, 59.0805,
34.9223

■ 8.8060, 12.0755,
4.2676

■ 65.5544, 79.2246,
49.8480

■ 4.6710, 6.7951,
1.7733

■ 86.6762, 103.4947,
68.5155

■ 2.0883, 3.3343,
0.4102

■ 111.9078,
132.2750, 91.3435

■ 0.6828, 1.3086,
0.0000

141.6147,
165.9501, 118.7505

■ 0.0000, 0.1479,
0.0000

176.1621,

■ 0.0000, 0.0000,

204.9043, 151.1550

0.0000

215.9155,
249.5221, 188.9756

■ 23.1947, 29.6325,
14.6224

■ 23.1947, 29.6325,
14.6224

■ 21.6096, 28.8875,
11.3295

■ 24.9870, 30.4697,
18.6687

■ 20.2194, 28.2267,
8.7414

■ 26.9935, 31.3990,
23.5093

■ 19.0138, 27.6468,
6.8069


■ 29.2235, 32.4254,
29.1841


■ 17.9805, 27.1426,
5.4668


■ 31.6852, 33.5520,
35.7301


■ 17.1048, 26.7084,
4.6516


■ 34.3860, 34.7822,
43.1819

 16.4493, 26.3792,
4.2247

 37.3333, 36.1190,
51.5723

 40.5339, 37.5651,
60.9323

 43.9946, 39.1234,
71.2918

 47.7215, 40.7965,
82.6790

Harmonies

Analogous

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



27.5029, 29.6325, 12.0857



23.1947, 29.6325, 14.6224



20.4879, 29.6325, 21.8022

Triad

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



23.1947, 29.6325, 14.6224



24.2248, 29.6325, 63.2619



38.6920, 29.6325, 30.3917

Complementary

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



23.1947, 29.6325, 14.6224



17.5219, 14.0114, 33.6809

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.



37.5535, 29.6325, 45.6313



23.1947, 29.6325, 14.6224



28.8372, 29.6325, 67.5287

Square

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



23.1947, 29.6325, 14.6224



21.0323, 29.6325, 49.9290



33.7985, 29.6325, 60.3159



36.7511, 29.6325, 19.3520

Rectangle

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



23.1947, 29.6325, 14.6224



19.7662, 29.6325, 29.5352



33.7985, 29.6325, 60.3159



38.6580, 29.6325, 35.1575

Sweetspot

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



23.1954, 29.6338, 14.6230



51.9869, 57.9084, 51.3615



22.3160, 20.8987, 12.9833



11.3322, 12.6932, 11.0246



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.



23.1954, 29.6338, 14.6230



38.8157, 51.7874, 20.5205



19.0808, 27.5126, 14.4305



6.9035, 7.5829, 7.0855



13.4020, 21.4457, 3.4331



0.2870, 0.4079, 0.0636

Inverse Universe

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



17.5219, 14.0114, 33.6809



27.2174, 19.8253, 59.5189



22.5840, 16.6210, 33.9178



6.5328, 6.5631, 8.3292



6.7656, 2.9168, 26.1136



0.1679, 0.0764, 0.4691

Previews

White Background



This preview shows how the XYZ color 23.1947, 29.6325, 14.6224 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 23.1947, 29.6325, 14.6224 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 23.1947, 29.6325, 14.6224

Background



This preview shows how black text looks on a background with the XYZ color 23.1947, 29.6325, 14.6224.



This preview shows how white text looks on a background with the XYZ color 23.1947, 29.6325,

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

23.1947, 29.6325, 14.6224

Protanopia

27.2934, 29.5825, 13.7227

Deuteranopia

29.9963, 29.3593, 15.1523



Tritanopia

27.8279, 29.5571, 37.9566

Trichromacy



Original Color

23.1947, 29.6325, 14.6224

Protanomaly

25.4897, 29.3554, 13.9956

Deuteranomaly

27.1972, 29.2707, 15.0428

Tritanomaly

25.8255, 29.4683, 27.6194

Monochromacy



Original Color

23.1947, 29.6325, 14.6224

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.5530, 27.7259, 23.1263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1947, 29.6325, 14.6224 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(130, 157, 92)` looks like.

```
.text, #text, p{  
    color:rgb(130, 157, 92)  
}
```

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(130, 157, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 157, 92) }
```

Border

The CSS property to change the border of an element to XYZ 23.1947, 29.6325, 14.6224 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(130, 157, 92) }
```


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

```
.border{ border-color:rgb(130, 157, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 157, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 157, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 157, 92);  
box-shadow:4px 4px 4px 4px rgb(130, 157,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1947, 29.6325, 14.6224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 157, 92) }
```

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

```
.background{ background-color: rgb(130,  
157, 92) }
```

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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