

Converting Colors

XYZ(26.5334, 29.2790, 22.4411)

Have a look what the booklet for
XYZ(26.5334, 29.2790, 22.4411)
contains.

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Color

**XYZ(26.4114, 29.1713,
22.3277)**

Conversions

Conversions Part 1

Format	Color
Hex	949579
RGB	148, 149, 121
RGB Percent	58%, 58%, 47%
CMY	0.4196, 0.4157, 0.5255
CMYK	0.01, 0.00, 0.19, 0.42
HSL	62°, 12%, 53%
HSV	62°, 19%, 58%
XYZ	26.4114, 29.1713, 22.3277
YIQ	145.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

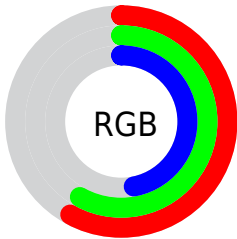
Format	Color
R_{YB}	121, 149, 122
Decimal	9737593
CIE Lab	60.93, -5.33, 14.70
CIE LCh	61, 15.639, 109.918
Yxy	29.1713, 0.3390, 0.3744
Android (android.graphics.Color)	4287927673 (0xFF949579)
YUV	145.5090, -12.0829, 2.1846
Hunter-Lab	54.0105, -7.2309, 13.2971

Details

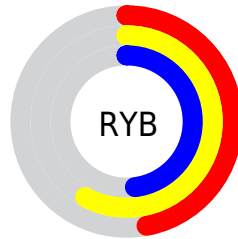
The XYZ color **26.4114, 29.1713, 22.3277** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2893, 19.9830, 31.2232**, and the grayscale version is **27.1669, 28.5817, 31.1254**.

A 20% lighter version of the original color is **53.2559, 58.2856, 47.9785**, and **10.4671, 11.7446, 7.8462** is the 20% darker color. If you saturate the color by 10%, you get **25.4713, 28.7851, 17.8768**, and if you desaturate by 10%, it is **27.4947, 29.6168, 27.5234**.

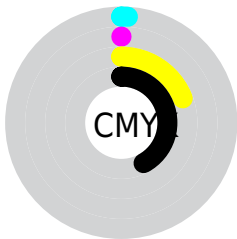
Distribution



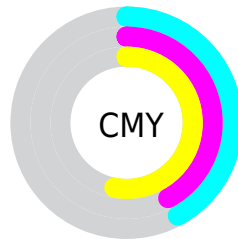
- Red (58%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (48%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (42%)



- Cyan (42%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4114, 29.1713, 22.3277 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 26.4114, 29.1713, 22.3277 by changing the saturation by 10% instead.

■ 26.4114, 29.1713,
22.3277

■ 26.4114, 29.1713,
22.3277

277.0156,
298.0223, 277.2620

■ 17.2660, 19.2104,
13.8973

■ 53.3645, 58.3491,
48.1961

■ 10.5208, 11.8224,
7.9113

■ 71.9028, 78.3349,
66.4712

■ 5.8105, 6.6229,
3.9513

■ 94.3029, 102.4311,
88.8649

■ 2.7697, 3.2274,
1.5987

120.9299,
131.0221, 115.7958

■ 1.0332, 1.2516,
0.2899

152.1494,
164.4924, 147.6825

■ 0.0000, 0.1032,
0.0000

188.3266,

■ 0.0000, 0.0000,

203.2262, 184.9433

0.0000

229.8269,
247.6081, 227.9970

■ 26.4114, 29.1713,
22.3277

■ 26.4114, 29.1713,
22.3277

■ 25.4713, 28.7851,
17.8768

■ 27.4947, 29.6168,
27.5234

■ 24.6656, 28.4518,
14.1346

■ 28.7248, 30.1201,
33.4937

■ 23.9881, 28.1697,
11.0653

■ 30.1083, 30.6848,
40.2692

■ 23.4312, 27.9360,
8.6287

■ 31.6506, 31.3130,
47.8785

■ 22.9866, 27.7472,
6.7809

■ 33.3567, 32.0068,
56.3483

■ 22.6447, 27.5996,
5.4718

■ 35.2317, 32.7683,
65.7047

■ 22.3945, 27.4887,
4.6436

■ 37.2801, 33.5991,
75.9721

■ 22.2123, 27.4050,
4.1706

■ 39.5064, 34.5012,
87.1744

■ 22.1912, 27.3953,
4.1182

■ 41.8983, 35.4695,
99.2458

Harmonies

Analogous

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



28.4188, 29.1713, 21.9358



26.4114, 29.1713, 22.3277



24.8320, 29.1713, 25.0642

Triad

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



26.4114, 29.1713, 22.3277



25.2766, 29.1713, 41.1571



31.7707, 29.1713, 33.7701

Complementary

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



26.4114, 29.1713, 22.3277



20.2893, 19.9830, 31.2232

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.



30.8375, 29.1713, 39.5593



26.4114, 29.1713, 22.3277



27.0454, 29.1713, 44.1573

Square

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



26.4114, 29.1713, 22.3277



24.1995, 29.1713, 35.7457



29.0844, 29.1713, 43.5391



31.5805, 29.1713, 28.0869

Rectangle

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



26.4114, 29.1713, 22.3277



24.2030, 29.1713, 28.0592



29.0844, 29.1713, 43.5391



31.5763, 29.1713, 35.7783

Sweetspot

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



26.4122, 29.1726, 22.3283



49.7988, 53.2670, 52.0061



22.7979, 21.6734, 21.0713



11.0092, 11.7937, 11.3952



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



26.4122, 29.1726, 22.3283



46.4798, 51.9047, 36.0973



24.0419, 27.9507, 22.2174



6.2451, 6.7342, 6.2111



18.6815, 23.0585, 3.4661



0.2338, 0.2849, 0.0427

Inverse Universe

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



20.2893, 19.9830, 31.2232



33.2281, 32.0149, 55.3494



22.4056, 21.0739, 31.3222



5.5176, 5.6423, 7.2680



4.6275, 1.8581, 24.0458



0.0605, 0.0247, 0.2945

Previews

White Background



This preview shows how the XYZ color 26.4114, 29.1713, 22.3277 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 26.4114, 29.1713, 22.3277 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

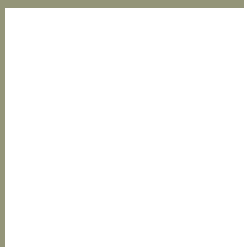
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4114, 29.1713, 22.3277

Background



This preview shows how black text looks on a background with the XYZ color 26.4114, 29.1713, 22.3277.



This preview shows how white text looks on a background with the XYZ color 26.4114, 29.1713,

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

26.4114, 29.1713, 22.3277

Protanopia

27.5342, 29.2914, 21.9719

Deuteranopia

29.6776, 29.0259, 22.7773



Tritanopia

29.1109, 29.1191, 35.5387

Trichromacy



Original Color

26.4114, 29.1713, 22.3277

Protanomaly

27.1169, 29.3082, 21.9971

Deuteranomaly

28.3864, 29.0330, 22.5202

Tritanomaly

27.9993, 29.1202, 30.1316

Monochromacy



Original Color

26.4114, 29.1713, 22.3277

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9817, 28.8766, 27.8186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4114, 29.1713, 22.3277 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(148, 149, 121)` looks like.

```
.text, #text, p{  
    color:rgb(148, 149, 121)  
}
```

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(148, 149, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 149, 121) }
```

Border

The CSS property to change the border of an element to XYZ 26.4114, 29.1713, 22.3277 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(148, 149, 121) }
```


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

```
.border{ border-color:rgb(148, 149, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 149, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 149, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 149, 121);  
box-shadow:4px 4px 4px 4px rgb(148, 149,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4114, 29.1713, 22.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 149, 121) }
```

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

```
.background{ background-color: rgb(148,  
149, 121) }
```

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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