

Converting Colors

XYZ(24.6137, 29.0921, 27.3524)

Have a look what the booklet for
XYZ(24.6137, 29.0921, 27.3524)
contains.

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Color

**XYZ(24.6665, 29.1209,
27.2425)**

Conversions

Conversions Part 1

Format	Color
Hex	809987
RGB	128, 153, 135
RGB Percent	50%, 60%, 53%
CMY	0.4980, 0.4000, 0.4706
CMYK	0.16, 0.00, 0.12, 0.40
HSL	137°, 11%, 55%
HSV	137°, 16%, 60%
XYZ	24.6665, 29.1209, 27.2425
YIQ	143.4730, -9.1220, -10.8980

Conversions

Conversions Part 2

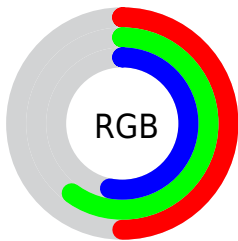
Format	Color
R_{YB}	128, 148, 153
Decimal	8427911
CIE _{Lab}	60.89, -12.49, 6.54
CIE _{LCh}	61, 14.095, 152.355
Yxy	29.1209, 0.3044, 0.3594
Android (android.graphics.Color)	4286617991 (0xFF809987)
YUV	143.4730, -4.1772, -13.5698
Hunter-Lab	53.9638, -12.8454, 7.8433

Details

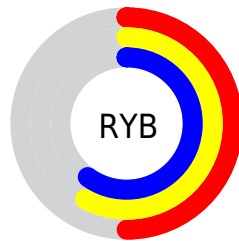
The XYZ color **24.6665, 29.1209, 27.2425** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.0454, 24.2867, 30.5105**, and the grayscale version is **26.3170, 27.6876, 30.1518**.

A 20% lighter version of the original color is **50.4460, 58.0802, 56.1288**, and **9.6155, 11.8209, 10.3692** is the 20% darker color. If you saturate the color by 10%, you get **21.8005, 27.7293, 23.2670**, and if you desaturate by 10%, it is **27.9614, 30.7260, 31.6584**.

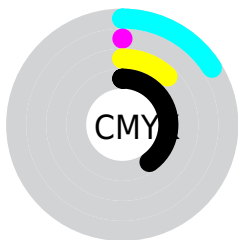
Distribution



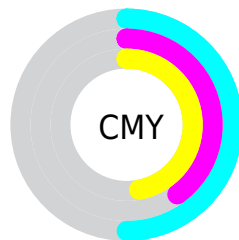
- Red (50%)
- Green (60%)
- Blue (53%)



- Red (50%)
- Yellow (58%)
- Blue (60%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6665, 29.1209, 27.2425 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 24.6665, 29.1209, 27.2425 by changing the saturation by 10% instead.

■ 24.6665, 29.1209,
27.2425

■ 24.6665, 29.1209,
27.2425

268.5514,
297.7850, 302.6266

■ 15.9562, 19.1723,
17.5214

■ 50.5625, 58.2691,
56.2812

■ 9.5838, 11.7948,
10.4410

■ 68.4788, 78.2375,
76.4359

■ 5.1840, 6.6041,
5.5829

■ 90.1945, 102.3147,
100.9055

■ 2.3915, 3.2158,
2.5285

116.0750,
130.8849, 130.1086

■ 0.8409, 1.2454,
0.8552

146.4856,
164.3327, 164.4637

■ 0.0000, 0.0983,
0.0000

181.7916,

■ 0.0000, 0.0000,

203.0423, 204.3894

0.0000

222.3584,
247.3983, 250.3042

■ 24.6665, 29.1209,
27.2425

■ 24.6665, 29.1209,
27.2425

■ 21.8005, 27.7293,
23.2670

■ 27.9614, 30.7260,
31.6584

■ 19.3432, 26.5385,
19.7163

■ 31.6998, 32.5493,
36.5256

■ 17.2760, 25.5402,
16.5770

■ 35.8982, 34.6000,
41.8571

■ 15.5783, 24.7240,
13.8339

■ 40.5718, 36.8857,
47.6650

■ 14.2273, 24.0784,
11.4713

■ 45.7352, 39.4135,
53.9605

■ 13.1974, 23.5907,
9.4721

■ 51.4019, 42.1903,
60.7549

■ 12.4597, 23.2462,
7.8179

■ 57.5854, 45.2227,
68.0588

■ 11.9723, 23.0238,
6.4885

■ 64.2984, 48.5172,
75.8827

■ 11.8248, 22.9568,
6.0777

■ 67.5047, 49.9927,
84.0471

Harmonies

Analogous

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



25.8313, 29.1209, 23.9082



24.6665, 29.1209, 27.2425



24.2978, 29.1209, 32.1251

Triad

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



24.6665, 29.1209, 27.2425



27.8239, 29.1209, 42.9250



30.7703, 29.1209, 26.5971

Complementary

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



24.6665, 29.1209, 27.2425



26.0454, 24.2867, 30.5105

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.



31.3592, 29.1209, 31.2939



24.6665, 29.1209, 27.2425



29.6119, 29.1209, 41.0421

Square

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



24.6665, 29.1209, 27.2425



26.0720, 29.1209, 41.5377



30.9263, 29.1209, 36.6360



29.3497, 29.1209, 23.5655

Rectangle

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



24.6665, 29.1209, 27.2425



24.5391, 29.1209, 35.7123



30.9263, 29.1209, 36.6360



31.0749, 29.1209, 28.0143

Sweetspot

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



24.6673, 29.1221, 27.2431



50.8611, 55.4081, 57.7321



27.2020, 30.4839, 24.8728



11.1404, 12.1906, 12.6290



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.6673, 29.1221, 27.2431



42.0024, 51.0961, 45.8068



25.5738, 29.4847, 32.0168



6.1997, 6.9526, 6.9751



9.7853, 18.9776, 5.0900



0.1603, 0.2893, 0.1499

Inverse Universe

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



26.0454, 24.2867, 30.5105



44.9970, 40.5866, 52.9053



25.1484, 23.9279, 25.7871



6.3874, 6.2941, 7.4202



13.2055, 6.5365, 12.8733



0.2126, 0.1038, 0.2725

Previews

White Background



This preview shows how the XYZ color 24.6665, 29.1209, 27.2425 looks on a white background.

Color Contrast Check

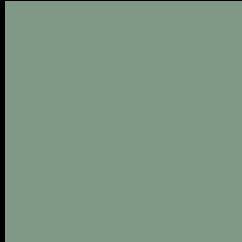
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6665, 29.1209, 27.2425 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

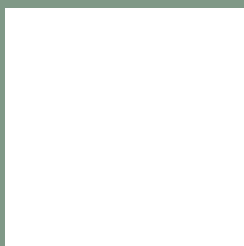
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6665, 29.1209, 27.2425

Background



This preview shows how black text looks on a background with the XYZ color 24.6665, 29.1209, 27.2425.



This preview shows how white text looks on a background with the XYZ color 24.6665, 29.1209,

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

24.6665, 29.1209, 27.2425

Protanopia

27.5125, 28.9688, 25.6142

Deuteranopia

29.4982, 29.0447, 27.7184



Tritanopia

26.8533, 29.0546, 37.9110

Trichromacy



Original Color

24.6665, 29.1209, 27.2425

Protanomaly

26.4139, 29.0901, 26.0526

Deuteranomaly

27.4853, 28.9147, 27.4250

Tritanomaly

25.9339, 28.9050, 33.9181

Monochromacy



Original Color

24.6665, 29.1209, 27.2425

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.6486, 28.1642, 28.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6665, 29.1209, 27.2425 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(128, 153, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 153, 135)  
}
```

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(128, 153, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 153, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.6665, 29.1209, 27.2425 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(128, 153, 135) }
```


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

```
.border{ border-color:rgb(128, 153, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 153, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 153, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 153, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 153,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6665, 29.1209, 27.2425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 153, 135) }
```

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

```
.background{ background-color: rgb(128,  
153, 135) }
```

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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