

Converting Colors

XYZ(23.1094, 26.6592, 12.9379)

Have a look what the booklet for
XYZ(23.1094, 26.6592, 12.9379)
contains.

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Color

**XYZ(23.1734, 26.7786,
12.9642)**

Conversions

Conversions Part 1

Format	Color
Hex	8F9157
RGB	143, 145, 87
RGB Percent	56%, 57%, 34%
CMY	0.4392, 0.4314, 0.6588
CMYK	0.01, 0.00, 0.40, 0.43
HSL	62°, 25%, 45%
HSV	62°, 40%, 57%
XYZ	23.1734, 26.7786, 12.9642
YIQ	137.7900, 17.4260, -18.4620

Conversions

Conversions Part 2

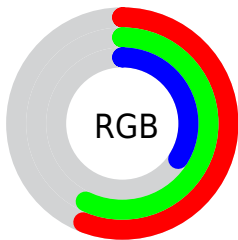
Format	Color
R_{YB}	87, 145, 89
Decimal	9408855
CIE _{Lab}	58.77, -9.92, 30.52
CIE _{LCh}	59, 32.092, 108.007
Yxy	26.7786, 0.3683, 0.4256
Android (android.graphics.Color)	4287598935 (0xFF8F9157)
YUV	137.7900, -25.0395, 4.5692
Hunter-Lab	51.7480, -10.6246, 21.3700

Details

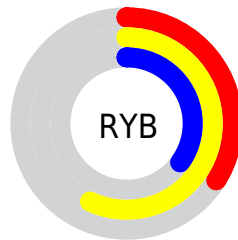
The XYZ color **23.1734, 26.7786, 12.9642** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.6398, 10.9852, 28.2439**, and the grayscale version is **24.1658, 25.4243, 27.6870**.

A 20% lighter version of the original color is **48.2996, 54.6876, 32.0549**, and **8.7896, 10.5618, 3.5828** is the 20% darker color. If you saturate the color by 10%, you get **22.5533, 26.5215, 10.1474**, and if you desaturate by 10%, it is **23.9143, 27.0859, 16.4089**.

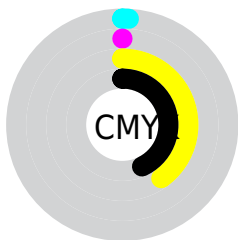
Distribution



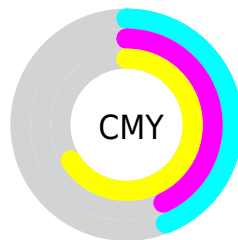
- Red (56%)
- Green (57%)
- Blue (34%)



- Red (34%)
- Yellow (57%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (43%)



- Cyan (44%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1734, 26.7786, 12.9642 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 23.1734, 26.7786, 12.9642 by changing the saturation by 10% instead.

■ 23.1734, 26.7786,
12.9642

■ 23.1734, 26.7786,
12.9642

261.1331,
286.5835, 221.8879

■ 14.8430, 17.4070,
7.2735

■ 48.1425, 54.5284,
31.9297

■ 8.7949, 10.5251,
3.5527

■ 65.5118, 73.6754,
46.0415

■ 4.6637, 5.7485,
1.3833

■ 86.6249, 96.8496,
63.7975

■ 2.0840, 2.6928,
0.1286

■ 111.8470,
124.4355, 85.6161

■ 0.6805, 0.9735,
0.0000

■ 141.5435,
156.8175, 111.9159

■ 0.0000, 0.0000,
0.0000

176.0798,

194.3799, 143.1154

215.8212,
237.5071, 179.6332

■ 23.1734, 26.7786,
12.9642

■ 23.1734, 26.7786,
12.9642

■ 22.5533, 26.5215,
10.1474

■ 23.9143, 27.0859,
16.4089

■ 22.0447, 26.3081,
7.9192

■ 24.7805, 27.4425,
20.5146

■ 21.6405, 26.1365,
6.2382

■ 25.7788, 27.8520,
25.3137

■ 21.3316, 26.0031,
5.0572

■ 26.9149, 28.3166,
30.8364

■ 21.1075, 25.9037,
4.3209

■ 28.1941, 28.8385,
37.1108

■ 20.9402, 25.8270,
3.8814

■ 29.6215, 29.4197,
44.1638

■ 31.2020, 30.0622,
52.0206

■ 32.9401, 30.7679,
60.7055

■ 34.8404, 31.5383,
70.2419

Harmonies

Analogous

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



27.0651, 26.7786, 12.6228



23.1734, 26.7786, 12.9642



20.2091, 26.7786, 16.8803

Triad

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



23.1734, 26.7786, 12.9642



20.6966, 26.7786, 48.5207



33.6377, 26.7786, 33.9203

Complementary

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



23.1734, 26.7786, 12.9642



12.6398, 10.9852, 28.2439

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.



31.5319, 26.7786, 46.2874



23.1734, 26.7786, 12.9642



23.9048, 26.7786, 56.0657

Square

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



23.1734, 26.7786, 12.9642



18.8844, 26.7786, 36.4202



27.8758, 26.7786, 55.1563



33.3897, 26.7786, 22.9305

Rectangle

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



23.1734, 26.7786, 12.9642



19.0330, 26.7786, 21.7391



27.8758, 26.7786, 55.1563



33.1734, 26.7786, 38.0961

Sweetspot

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



23.1741, 26.7798, 12.9648



45.7399, 49.7024, 43.2861



16.9651, 13.8422, 10.7948



10.1296, 11.0381, 9.4090



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.1741, 26.7798, 12.9648



40.4891, 47.5358, 18.6273



18.7948, 24.5222, 12.7598



5.8214, 6.2761, 5.7939



17.9647, 22.1537, 3.3293



0.1755, 0.2137, 0.0320

Inverse Universe

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



12.6398, 10.9852, 28.2439



18.9273, 15.2011, 49.9101



15.9820, 12.7082, 28.4003



5.1458, 5.2633, 6.7735



4.4422, 1.7836, 23.0872



0.0452, 0.0185, 0.2209

Previews

White Background



This preview shows how the XYZ color 23.1734, 26.7786, 12.9642 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 23.1734, 26.7786, 12.9642 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

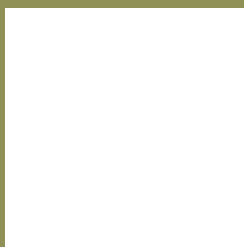
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.1734, 26.7786, 12.9642

Background



This preview shows how black text looks on a background with the XYZ color 23.1734, 26.7786, 12.9642.



This preview shows how white text looks on a background with the XYZ color 23.1734, 26.7786,

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

23.1734, 26.7786, 12.9642

Protanopia

24.5310, 26.5917, 12.6439

Deuteranopia

27.0447, 26.5953, 13.1592



Tritanopia

27.0115, 26.7991, 31.7661

Trichromacy



Original Color

23.1734, 26.7786, 12.9642

Protanomaly

23.9304, 26.5019, 12.6582

Deuteranomaly

25.4913, 26.6434, 13.0317

Tritanomaly

25.3234, 26.7592, 23.5690

Monochromacy



Original Color

23.1734, 26.7786, 12.9642

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

23.6699, 25.9571, 21.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1734, 26.7786, 12.9642 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(143, 145, 87)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 87)  
}
```

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(143, 145, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 87) }
```

Border

The CSS property to change the border of an element to XYZ 23.1734, 26.7786, 12.9642 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(143, 145, 87) }
```


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

```
.border{ border-color:rgb(143, 145, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 87);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1734, 26.7786, 12.9642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 87) }
```

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

```
.background{ background-color: rgb(143,  
145, 87) }
```

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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