

Converting Colors

XYZ(9.1326, 14.9291, 7.4013)

Have a look what the booklet for
XYZ(9.1326, 14.9291, 7.4013)
contains.

XYZ(9.1326, 14.9291, 7.4013)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(9.1326, 14.9291,
7.4013)**

Conversions

Conversions Part 1

Format	Color
Hex	307A41
RGB	48, 122, 65
RGB Percent	19%, 48%, 25%
CMY	0.8118, 0.5216, 0.7451
CMYK	0.61, 0.00, 0.47, 0.52
HSL	134°, 44%, 33%
HSV	134°, 61%, 48%
XYZ	9.1326, 14.9291, 7.4013
YIQ	93.3760, -25.8070, -33.4150

Conversions

Conversions Part 2

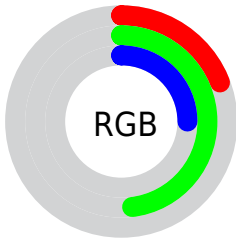
Format	Color
R_{YB}	48, 108, 122
Decimal	3177025
CIE _{Lab}	45.54, -36.23, 24.48
CIE _{LCh}	46, 43.726, 145.963
Yxy	14.9291, 0.2903, 0.4745
Android (android.graphics.Color)	4281367105 (0xFF307A41)
YUV	93.3760, -13.9894, -39.7948
Hunter-Lab	38.6382, -25.4262, 15.6895

Details

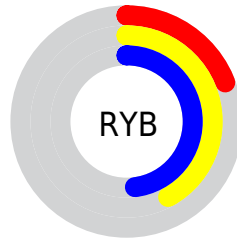
The XYZ color **9.1326, 14.9291, 7.4013** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **11.6333, 7.2717, 14.1555**, and the grayscale version is **10.5289, 11.0772, 12.0630**.

A 20% lighter version of the original color is **23.8467, 34.6996, 21.3604**, and **2.4436, 4.6852, 1.4374** is the 20% darker color. If you saturate the color by 10%, you get **8.3846, 14.5728, 6.0617**, and if you desaturate by 10%, it is **10.0850, 15.3864, 8.9876**.

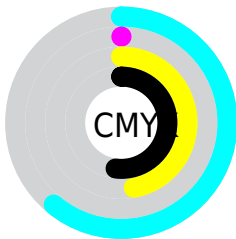
Distribution



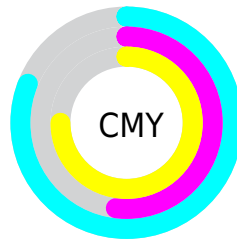
- Red (19%)
- Green (48%)
- Blue (25%)



- Red (19%)
- Yellow (42%)
- Blue (48%)



- Cyan (61%)
- Magenta (0%)
- Yellow (47%)
- Black (52%)



- Cyan (81%)
- Magenta (52%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 9.1326, 14.9291, 7.4013 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 9.1326, 14.9291, 7.4013 by changing the saturation by 10% instead.

■ 9.1326, 14.9291,
7.4013

■ 9.1326, 14.9291,
7.4013

178.5502,
222.9367, 180.7133

■ 4.8856, 8.7696,
3.6321

■ 23.8155, 34.7288,
21.3025

■ 2.2143, 4.5912,
1.4258

■ 34.9820, 49.1377,
32.2717

■ 0.7503, 2.0095,
0.1617

■ 49.1857, 67.0653,
46.4778

■ 0.0000, 0.6130,
0.0000

■ 66.7921, 88.8960,
64.3396

■ 0.0000, 0.0000,
0.0000

■ 88.1663, 115.0140,
86.2755

■ 113.6739,

145.8039, 112.7040

143.6800,
181.6500, 144.0438

■ 9.1326, 14.9291,
7.4013

■ 9.1326, 14.9291,
7.4013

■ 8.3846, 14.5728,
6.0617

■ 10.0850, 15.3864,
8.9876

■ 7.8243, 14.3079,
4.9555

■ 11.2546, 15.9497,
10.8312

■ 7.4341, 14.1259,
4.0694

■ 12.6545, 16.6261,
12.9432

■ 7.1698, 14.0036,
3.4255

■ 14.2962, 17.4212,
15.3338

■ 16.1908, 18.3406,
18.0127

■ 18.3483, 19.3892,
20.9890

■ 20.7785, 20.5719,
24.2715

■ 23.4904, 21.8931,
27.8687

■ 26.4928, 23.3572,
31.7886

Harmonies

Analogous

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



11.3338, 14.9291, 4.0541



9.1326, 14.9291, 7.4013



8.2775, 14.9291, 14.8809

Triad

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



9.1326, 14.9291, 7.4013



13.7013, 14.9291, 45.6747



21.4804, 14.9291, 8.9487

Complementary

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



9.1326, 14.9291, 7.4013



11.6333, 7.2717, 14.1555

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.



22.4041, 14.9291, 17.7117



9.1326, 14.9291, 7.4013



17.4889, 14.9291, 41.8474

Square

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



9.1326, 14.9291, 7.4013



10.6130, 14.9291, 39.2453



20.8356, 14.9291, 30.2994



18.4913, 14.9291, 4.6410

Rectangle

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



9.1326, 14.9291, 7.4013



8.4555, 14.9291, 22.4325



20.8356, 14.9291, 30.2994



22.0626, 14.9291, 11.3309

Sweetspot

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



9.1330, 14.9297, 7.4016



25.8517, 30.9881, 27.9784



13.4335, 17.1953, 5.4074



5.7381, 7.0016, 6.1500



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



9.1330, 14.9297, 7.4016



14.3075, 25.4269, 9.8168



10.5295, 15.4883, 14.7556



3.9851, 4.4637, 4.4555



7.5454, 14.7418, 3.5911



35.7155, 70.2092, 15.6718

Inverse Universe

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



11.6333, 7.2717, 14.1555



19.1093, 10.6390, 22.7278



10.1566, 6.6810, 6.3793



4.1170, 4.0625, 4.8136



10.5728, 5.2053, 11.5730



50.0967, 24.6950, 53.4328

Previews

White Background



This preview shows how the XYZ color 9.1326, 14.9291, 7.4013 looks on a white background.

Color Contrast Check

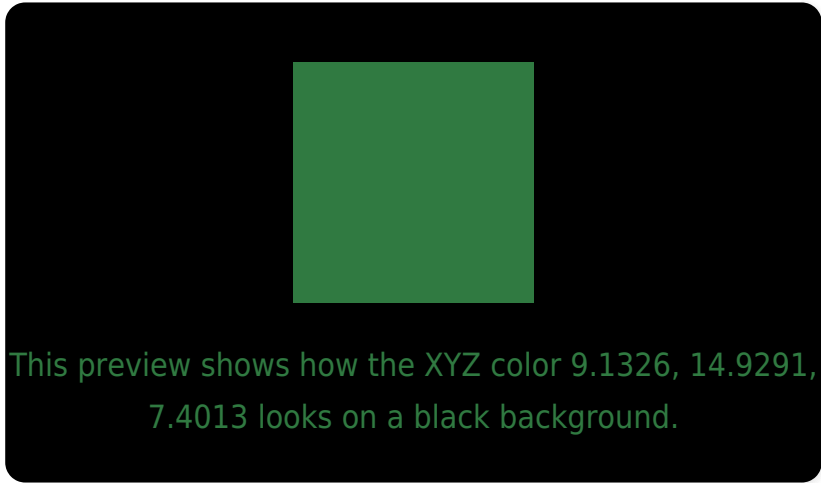
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

XYZ 9.1326, 14.9291, 7.4013

Background



This preview shows how black text looks on a background with the XYZ color 9.1326, 14.9291, 7.4013.



This preview shows how white text looks on a background with the XYZ color 9.1326, 14.9291,

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

9.1326, 14.9291, 7.4013

Protanopia

13.5445, 14.6932, 6.3972

Deuteranopia

14.9101, 14.6121, 7.8289



Tritanopia

11.9468, 14.8321, 21.6353

Trichromacy



Original Color

9.1326, 14.9291, 7.4013

Protanomaly

11.1779, 14.2633, 6.7214

Deuteranomaly

11.7676, 14.0640, 7.5632

Tritanomaly

10.6715, 14.8357, 15.1331

Monochromacy



Original Color

9.1326, 14.9291, 7.4013

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

9.5722, 12.1029, 10.0152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 9.1326, 14.9291, 7.4013 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(48, 122, 65)` looks like.

```
.text, #text, p{  
    color:rgb(48, 122, 65)  
}
```

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(48, 122, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 122, 65) }
```

Border

The CSS property to change the border of an element to XYZ 9.1326, 14.9291, 7.4013 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(48, 122, 65) }
```


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

```
.border{ border-color:rgb(48, 122, 65) }
```

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

Here you see how a box with a 4 pixel rgb(48, 122, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 122, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 122, 65);  
box-shadow:4px 4px 4px 4px rgb(48, 122,  
65) }
```

Background

The CSS property to change the background color of an element to XYZ 9.1326, 14.9291, 7.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 122, 65) }
```

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

```
.background{ background-color: rgb(48, 122,  
65) }
```

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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