

Converting Colors

XYZ(24.7302, 27.5428, 13.7904)

Have a look what the booklet for
XYZ(24.7302, 27.5428, 13.7904)
contains.

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Color

**XYZ(24.7334, 27.5683,
13.6905)**

Conversions

Conversions Part 1

Format	Color
Hex	97915A
RGB	151, 145, 90
RGB Percent	59%, 57%, 35%
CMY	0.4078, 0.4314, 0.6471
CMYK	0.00, 0.04, 0.40, 0.41
HSL	54°, 25%, 47%
HSV	54°, 40%, 59%
XYZ	24.7334, 27.5683, 13.6905
YIQ	140.5240, 21.2310, -15.8330

Conversions

Conversions Part 2

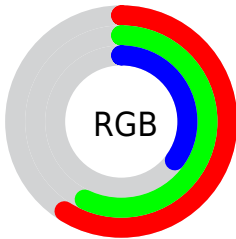
Format	Color
R_{YB}	97, 151, 90
Decimal	9933146
CIE _{Lab}	59.50, -6.20, 29.97
CIE _{LCh}	59, 30.606, 101.689
Yxy	27.5683, 0.3748, 0.4178
Android (android.graphics.Color)	4288123226 (0xFF97915A)
YUV	140.5240, -24.9083, 9.1875
Hunter-Lab	52.5055, -7.8000, 21.2944

Details

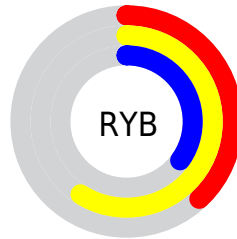
The XYZ color **24.7334, 27.5683, 13.6905** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.9852, 12.7735, 31.0067**, and the grayscale version is **25.2202, 26.5337, 28.8952**.

A 20% lighter version of the original color is **50.6847, 55.8917, 33.3161**, and **9.6738, 11.0115, 3.9011** is the 20% darker color. If you saturate the color by 10%, you get **23.9298, 26.8873, 10.5675**, and if you desaturate by 10%, it is **25.6719, 28.3100, 17.5034**.

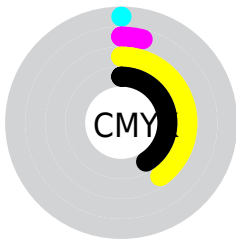
Distribution



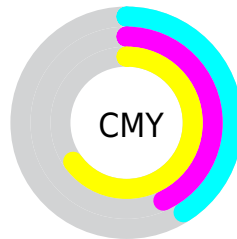
- Red (59%)
- Green (57%)
- Blue (35%)



- Red (38%)
- Yellow (59%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (40%)
- Black (41%)



- Cyan (41%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7334, 27.5683, 13.6905 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 24.7334, 27.5683, 13.6905 by changing the saturation by 10% instead.

■ 24.7334, 27.5683,
13.6905

■ 24.7334, 27.5683,
13.6905

268.8798,
290.3983, 226.6579

■ 16.0062, 18.0005,
7.7694

■ 50.6704, 55.7945,
33.2480

■ 9.6194, 10.9503,
3.8621

■ 68.6109, 75.2216,
47.7216

■ 5.2077, 6.0335,
1.5500

■ 90.3533, 98.7040,
65.8830

■ 2.4056, 2.8654,
0.2548

■ 116.2628,
126.6260, 88.1510

■ 0.8479, 1.0619,
0.0000

146.7049,
159.3721, 114.9439

■ 0.0000, 0.0000,
0.0000

182.0448,

197.3265, 146.6803

222.6480,
240.8738, 183.7788

■ 24.7334, 27.5683,
13.6905

■ 24.7334, 27.5683,
13.6905

■ 23.9298, 26.8873,
10.5675

■ 25.6719, 28.3100,
17.5034

■ 23.2512, 26.2600,
8.0907

■ 26.7506, 29.1115,
22.0427

■ 22.6893, 25.6841,
6.2143

■ 27.9769, 29.9769,
27.3448

■ 22.2341, 25.1556,
4.8854

■ 29.3572, 30.9087,
33.4428

■ 21.8739, 24.6697,
4.0424

■ 30.8973, 31.9092,
40.3679

■ 21.5888, 24.2318,
3.5394

■ 32.6030, 32.9807,
48.1497

■ 34.4795, 34.1255,
56.8164

■ 36.5320, 35.3455,
66.3948

■ 38.7654, 36.6427,
76.9105

Harmonies

Analogous

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



28.5949, 27.5683, 14.0690



24.7334, 27.5683, 13.6905



21.5869, 27.5683, 16.8193

Triad

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



24.7334, 27.5683, 13.6905



21.0605, 27.5683, 46.4162



33.8670, 27.5683, 37.1730

Complementary

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



24.7334, 27.5683, 13.6905



13.9852, 12.7735, 31.0067

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.



31.4339, 27.5683, 48.7677



24.7334, 27.5683, 13.6905



23.9480, 27.5683, 54.9393

Square

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



24.7334, 27.5683, 13.6905



19.6093, 27.5683, 34.5144



27.7294, 27.5683, 55.8921



34.1299, 27.5683, 25.9287

Rectangle

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



24.7334, 27.5683, 13.6905



20.2181, 27.5683, 21.0536



27.7294, 27.5683, 55.8921



33.2655, 27.5683, 41.2204

Sweetspot

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



24.7341, 27.5696, 13.6911



49.6777, 53.3903, 47.1148



18.5348, 14.7383, 12.9588



11.2309, 12.0930, 10.4468



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.



24.7341, 27.5696, 13.6911



43.0479, 48.3210, 19.6549



21.6052, 27.3529, 13.8142



6.6570, 7.1191, 6.6291



18.3776, 20.6377, 3.0149



0.2878, 0.3346, 0.0494

Inverse Universe

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



13.9852, 12.7735, 31.0067



21.2193, 18.2813, 54.8439



16.2340, 13.1514, 30.9611



5.9309, 6.1192, 7.7975



4.9063, 2.2092, 25.0755



0.0846, 0.0556, 0.3786

Previews

White Background



This preview shows how the XYZ color 24.7334, 27.5683, 13.6905 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 24.7334, 27.5683, 13.6905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

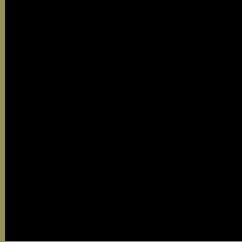
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7334, 27.5683, 13.6905

Background



This preview shows how black text looks on a background with the XYZ color 24.7334, 27.5683, 13.6905.



This preview shows how white text looks on a background with the XYZ color 24.7334, 27.5683,

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

24.7334, 27.5683, 13.6905

Protanopia

25.3359, 27.4341, 13.4112

Deuteranopia

28.1110, 27.5483, 13.9610



Tritanopia

28.4179, 27.5150, 32.2469

Trichromacy



Original Color

24.7334, 27.5683, 13.6905

Protanomaly

25.1029, 27.5378, 13.4435

Deuteranomaly

26.7835, 27.5108, 13.7960

Tritanomaly

26.9387, 27.5768, 24.3251

Monochromacy



Original Color

24.7334, 27.5683, 13.6905

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.8629, 26.7709, 22.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7334, 27.5683, 13.6905 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(151, 145, 90)` looks like.

```
.text, #text, p{  
    color:rgb(151, 145, 90)  
}
```

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(151, 145, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 145, 90) }
```

Border

The CSS property to change the border of an element to XYZ 24.7334, 27.5683, 13.6905 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(151, 145, 90) }
```


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

```
.border{ border-color:rgb(151, 145, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 145, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 145, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 145, 90);  
box-shadow:4px 4px 4px 4px rgb(151, 145,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7334, 27.5683, 13.6905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 145, 90) }
```

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

```
.background{ background-color: rgb(151,  
145, 90) }
```

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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