

Converting Colors

XYZ(24.2093, 29.2935, 8.8234)

Have a look what the booklet for
XYZ(24.2093, 29.2935, 8.8234)
contains.

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Color

**XYZ(24.2662, 29.3224,
8.7957)**

Conversions

Conversions Part 1

Format	Color
Hex	93993D
RGB	147, 153, 61
RGB Percent	58%, 60%, 24%
CMY	0.4235, 0.4000, 0.7608
CMYK	0.04, 0.00, 0.60, 0.40
HSL	64°, 43%, 42%
HSV	64°, 60%, 60%
XYZ	24.2662, 29.3224, 8.7957
YIQ	140.7180, 25.9560, -29.8840

Conversions

Conversions Part 2

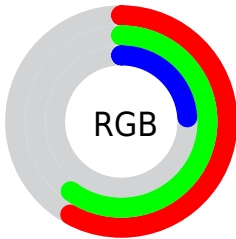
Format	Color
R_{YB}	61, 153, 67
Decimal	9673021
CIE Lab	61.07, -14.98, 46.41
CIE LCh	61, 48.773, 107.891
Yxy	29.3224, 0.3890, 0.4700
Android (android.graphics.Color)	4287863101 (0xFF93993D)
YUV	140.7180, -39.3010, 5.5093
Hunter-Lab	54.1502, -14.7719, 28.2745

Details

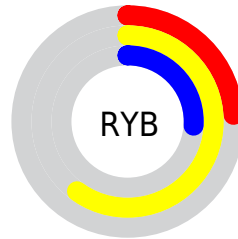
The XYZ color **24.2662, 29.3224, 8.7957** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.7342, 6.8313, 30.9442**, and the grayscale version is **25.3495, 26.6696, 29.0432**.

A 20% lighter version of the original color is **49.8661, 58.4920, 23.9911**, and **9.3894, 11.8912, 1.9152** is the 20% darker color. If you saturate the color by 10%, you get **23.7335, 29.0898, 6.9181**, and if you desaturate by 10%, it is **24.9194, 29.6055, 11.2939**.

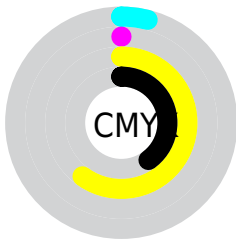
Distribution



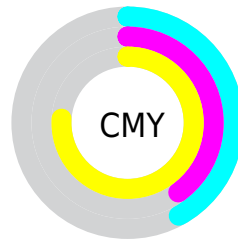
- Red (58%)
- Green (60%)
- Blue (24%)



- Red (24%)
- Yellow (60%)
- Blue (26%)



- Cyan (4%)
- Magenta (0%)
- Yellow (60%)
- Black (40%)



- Cyan (42%)
- Magenta (40%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2662, 29.3224, 8.7957 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 24.2662, 29.3224, 8.7957 by changing the saturation by 10% instead.

■ 24.2662, 29.3224,
8.7957

■ 24.2662, 29.3224,
8.7957

266.5791,
298.7331, 192.0080

■ 15.6570, 19.3248,
4.5132

■ 49.9158, 58.5889,
24.0756

■ 9.3711, 11.9052,
1.9109

■ 67.6869, 78.6267,
35.9101

■ 5.0430, 6.6792,
0.4996

■ 89.2426, 102.7800,
51.0989

■ 2.3076, 3.2623,
0.0000

■ 114.9484,
131.4332, 70.0607

■ 0.7985, 1.2702,
0.0000

■ 145.1696,
164.9707, 93.2140

■ 0.0000, 0.1179,
0.0000

■ 180.2716,

■ 0.0000, 0.0000,

203.7769, 120.9773

0.0000

220.6196,
248.2363, 153.7691

■ 24.2662, 29.3224,
8.7957

■ 24.2662, 29.3224,
8.7957

■ 23.7335, 29.0898,
6.9181

■ 24.9194, 29.6055,
11.2939

■ 23.3090, 28.8996,
5.6050

■ 25.7002, 29.9388,
14.4588

■ 22.9812, 28.7482,
4.7935

■ 26.6175, 30.3269,
18.3342

■ 22.7229, 28.6251,
4.3276

■ 27.6788, 30.7727,
22.9597

■ 28.8910, 31.2791,
28.3719

■ 30.2607, 31.8486,
34.6051

■ 31.7940, 32.4838,
41.6916

■ 33.4967, 33.1869,
49.6618

■ 35.3742, 33.9602,
58.5447

Harmonies

Analogous

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



30.5253, 29.3224, 8.4127



24.2662, 29.3224, 8.7957



19.7187, 29.3224, 13.6787

Triad

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



24.2662, 29.3224, 8.7957



20.4222, 29.3224, 65.7577



41.6788, 29.3224, 39.8845

Complementary

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



24.2662, 29.3224, 8.7957



9.7342, 6.8313, 30.9442

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.



38.0055, 29.3224, 61.7806



24.2662, 29.3224, 8.7957



25.3734, 29.3224, 80.1166

Square

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



24.2662, 29.3224, 8.7957



17.7438, 29.3224, 43.9920



31.8142, 29.3224, 78.4333



41.2610, 29.3224, 22.2983

Rectangle

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



24.2662, 29.3224, 8.7957



17.9735, 29.3224, 20.4387



31.8142, 29.3224, 78.4333



40.8609, 29.3224, 47.0716

Sweetspot

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



24.2669, 29.3237, 8.7963



49.9319, 55.2602, 42.7310



15.9051, 10.9598, 5.6924



10.9038, 12.1510, 8.8980



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.



24.2669, 29.3237, 8.7963



42.2308, 51.9732, 11.5080



17.7596, 25.9691, 8.4918



6.6691, 7.2024, 6.6445



18.7899, 23.6624, 3.5770



0.2912, 0.3591, 0.0540

Inverse Universe

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



9.7342, 6.8313, 30.9442



13.8789, 8.0426, 54.7928



14.0507, 9.0566, 31.1462



5.9200, 6.0446, 7.7837



4.8666, 1.9599, 25.0295



0.0815, 0.0338, 0.3746

Previews

White Background



This preview shows how the XYZ color 24.2662, 29.3224, 8.7957 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 24.2662, 29.3224, 8.7957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

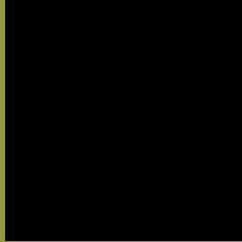
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2662, 29.3224, 8.7957

Background



This preview shows how black text looks on a background with the XYZ color 24.2662, 29.3224, 8.7957.



This preview shows how white text looks on a background with the XYZ color 24.2662, 29.3224,

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

24.2662, 29.3224, 8.7957

Protanopia

26.5330, 29.0757, 8.3514

Deuteranopia

29.6236, 29.0829, 9.0533



Tritanopia

29.4492, 29.0794, 35.0711

Trichromacy



Original Color

24.2662, 29.3224, 8.7957

Protanomaly

25.6636, 29.0902, 8.5373

Deuteranomaly

27.4130, 29.0560, 9.0140

Tritanomaly

27.0218, 29.0202, 22.2664

Monochromacy



Original Color

24.2662, 29.3224, 8.7957

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.3777, 27.2603, 19.3062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2662, 29.3224, 8.7957 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(147, 153, 61)` looks like.

```
.text, #text, p{  
    color:rgb(147, 153, 61)  
}
```

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(147, 153, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 153, 61) }
```

Border

The CSS property to change the border of an element to XYZ 24.2662, 29.3224, 8.7957 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(147, 153, 61) }
```


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

```
.border{ border-color:rgb(147, 153, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 153, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 153, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 153, 61);  
box-shadow:4px 4px 4px 4px rgb(147, 153,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2662, 29.3224, 8.7957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 153, 61) }
```

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

```
.background{ background-color: rgb(147,  
153, 61) }
```

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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