

Converting Colors

XYZ(27.2356, 28.9999, 23.7185)

Have a look what the booklet for
XYZ(27.2356, 28.9999, 23.7185)
contains.

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Color

**XYZ(27.2723, 29.1204,
23.5854)**

Conversions

Conversions Part 1

Format	Color
Hex	99937D
RGB	153, 147, 125
RGB Percent	60%, 58%, 49%
CMY	0.4000, 0.4235, 0.5098
CMYK	0.00, 0.04, 0.18, 0.40
HSL	47°, 12%, 55%
HSV	47°, 18%, 60%
XYZ	27.2723, 29.1204, 23.5854
YIQ	146.2860, 10.6380, -5.5700

Conversions

Conversions Part 2

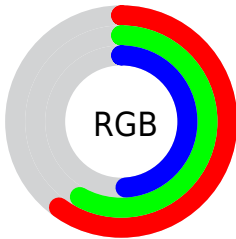
Format	Color
R_{YB}	133, 153, 125
Decimal	10064765
CIE _{Lab}	60.89, -1.63, 12.45
CIE _{LCh}	61, 12.558, 97.447
Yxy	29.1204, 0.3410, 0.3641
Android (android.graphics.Color)	4288254845 (0xFF99937D)
YUV	146.2860, -10.4940, 5.8882
Hunter-Lab	53.9633, -4.2244, 11.8608

Details

The XYZ color **27.2723, 29.1204, 23.5854** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3235, 22.8921, 33.3794**, and the grayscale version is **27.4783, 28.9093, 31.4822**.

A 20% lighter version of the original color is **54.9350, 58.3975, 50.4959**, and **11.0587, 11.8960, 8.5508** is the 20% darker color. If you saturate the color by 10%, you get **25.8672, 27.7555, 18.6607**, and if you desaturate by 10%, it is **28.8441, 30.5772, 29.3093**.

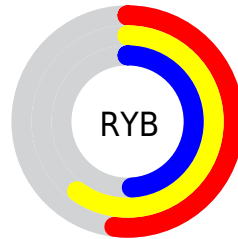
Distribution



Red (60%)

Green (58%)

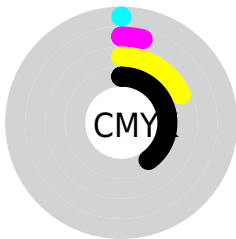
Blue (49%)



Red (52%)

Yellow (60%)

Blue (49%)

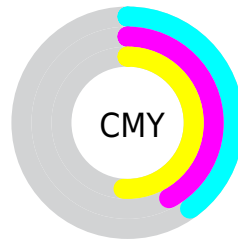


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2723, 29.1204, 23.5854 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 27.2723, 29.1204, 23.5854 by changing the saturation by 10% instead.

■ 27.2723, 29.1204,
23.5854

■ 27.2723, 29.1204,
23.5854

281.1167,
297.7826, 283.9364

■ 17.9155, 19.1719,
14.8170

■ 54.7373, 58.2683,
50.2881

■ 10.9886, 11.7946,
8.5459

■ 73.5762, 78.2366,
69.0595

■ 6.1264, 6.6040,
4.3534

■ 96.3066, 102.3135,
92.0023

■ 2.9635, 3.2157,
1.8212

123.2936,
130.8835, 119.5350

■ 1.1345, 1.2453,
0.4419

154.9028,
164.3311, 152.0763

■ 0.0537, 0.0983,
0.0000

191.4995,

■ 0.0000, 0.0000,

203.0405, 190.0446

0.0000

233.4490,
247.3962, 233.8584

■ 27.2723, 29.1204,
23.5854

■ 27.2723, 29.1204,
23.5854

■ 25.8672, 27.7555,
18.6607

■ 28.8441, 30.5772,
29.3093

■ 24.6194, 26.4756,
14.4970

■ 30.5868, 32.1247,
35.8644

■ 23.5222, 25.2788,
11.0560

■ 32.5074, 33.7670,
43.2832

■ 22.5675, 24.1617,
8.2951

■ 34.6116, 35.5065,
51.5960

■ 21.7461, 23.1203,
6.1673

■ 36.9051, 37.3458,
60.8315

■ 21.0479, 22.1505,
4.6197

■ 39.3932, 39.2870,
71.0173

■ 20.4612, 21.2473,
3.5907

■ 42.0810, 41.3324,
82.1797

■ 19.9629, 20.4013,
2.9604

■ 44.9734, 43.4842,
94.3440

■ 19.8813, 20.2609,
2.8629

■ 46.8100, 45.2383,
100.8724

Harmonies

Analogous

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



28.9024, 29.1204, 24.0923



27.2723, 29.1204, 23.5854



25.8088, 29.1204, 25.0779

Triad

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



27.2723, 29.1204, 23.5854



25.2546, 29.1204, 37.5075



30.6866, 29.1204, 35.2903

Complementary

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



27.2723, 29.1204, 23.5854



22.3235, 22.8921, 33.3794

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.



29.6355, 29.1204, 39.4125



27.2723, 29.1204, 23.5854



26.4888, 29.1204, 40.7780

Square

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



27.2723, 29.1204, 23.5854



24.6741, 29.1204, 32.8894



28.0878, 29.1204, 41.5074



30.9165, 29.1204, 30.5536

Rectangle

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



27.2723, 29.1204, 23.5854



25.1099, 29.1204, 27.1016



28.0878, 29.1204, 41.5074



30.4156, 29.1204, 36.8070

Sweetspot

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



27.2731, 29.1217, 23.5860



52.6211, 55.6287, 56.0825



24.5721, 23.0804, 24.6567



11.5759, 12.2446, 12.2218



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.



27.2731, 29.1217, 23.5860



47.7663, 51.1225, 38.4230



26.7821, 30.2893, 23.8373



6.5966, 6.9983, 6.6090



16.4561, 16.7946, 2.3744



0.2711, 0.3012, 0.0438

Inverse Universe

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



22.3235, 22.8921, 33.3794



37.2097, 37.8368, 59.3141



22.7461, 21.9487, 33.1750



5.9864, 6.2302, 7.8160



5.2173, 2.8314, 25.1792



0.1007, 0.0877, 0.3840

Previews

White Background



This preview shows how the XYZ color 27.2723, 29.1204, 23.5854 looks on a white background.

Color Contrast Check

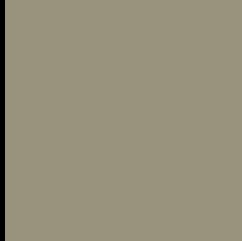
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2723, 29.1204, 23.5854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

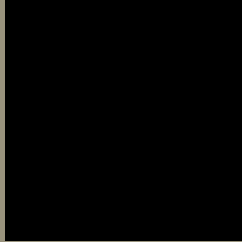
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2723, 29.1204, 23.5854

Background



This preview shows how black text looks on a background with the XYZ color 27.2723, 29.1204, 23.5854.



This preview shows how white text looks on a background with the XYZ color 27.2723, 29.1204,

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

27.2723, 29.1204, 23.5854

Protanopia

27.6530, 29.3167, 23.6033

Deuteranopia

29.4392, 28.8809, 23.7616



Tritanopia

29.5598, 29.1461, 34.6396

Trichromacy



Original Color

27.2723, 29.1204, 23.5854

Protanomaly

27.4618, 29.2181, 23.5943

Deuteranomaly

28.6926, 28.9378, 23.8120

Tritanomaly

28.6415, 28.9976, 30.0741

Monochromacy



Original Color

27.2723, 29.1204, 23.5854

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.2608, 28.7823, 28.1635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2723, 29.1204, 23.5854 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(153, 147, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 147, 125)  
}
```

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(153, 147, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 147, 125) }
```

Border

The CSS property to change the border of an element to XYZ 27.2723, 29.1204, 23.5854 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(153, 147, 125) }
```


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

```
.border{ border-color:rgb(153, 147, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 147, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 147, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 147, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 147,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2723, 29.1204, 23.5854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 147, 125) }
```

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

```
.background{ background-color: rgb(153,  
147, 125) }
```

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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