

Converting Colors

XYZ(25.1294, 29.4868, 20.1976)

Have a look what the booklet for
XYZ(25.1294, 29.4868, 20.1976)
contains.

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Color

**XYZ(25.2437, 29.5728,
20.2972)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9972
RGB	140, 153, 114
RGB Percent	55%, 60%, 45%
CMY	0.4510, 0.4000, 0.5529
CMYK	0.08, 0.00, 0.25, 0.40
HSL	80°, 16%, 52%
HSV	80°, 25%, 60%
XYZ	25.2437, 29.5728, 20.2972
YIQ	144.6670, 4.7710, -14.8850

Conversions

Conversions Part 2

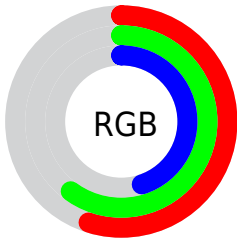
Format	Color
RYB	114, 153, 127
Decimal	9214322
CIELab	61.28, -11.72, 19.00
CIELCh	61, 22.324, 121.678
Yxy	29.5728, 0.3361, 0.3937
Android (android.graphics.Color)	4287404402 (0xFF8C9972)
YUV	144.6670, -15.1188, -4.0930
Hunter-Lab	54.3809, -12.3065, 15.9371

Details

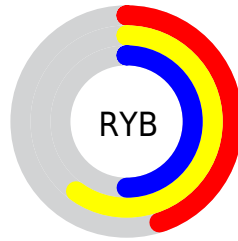
The XYZ color **25.2437, 29.5728, 20.2972** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.5206, 18.8473, 32.6949**, and the grayscale version is **26.8372, 28.2348, 30.7477**.

A 20% lighter version of the original color is **51.4439, 58.8482, 44.7238**, and **9.8546, 12.0199, 6.9549** is the 20% darker color. If you saturate the color by 10%, you get **23.6052, 28.8214, 16.0485**, and if you desaturate by 10%, it is **27.0693, 30.4057, 25.3164**.

Distribution



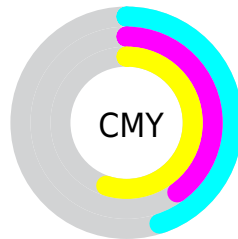
- Red (55%)
- Green (60%)
- Blue (45%)



- Red (45%)
- Yellow (60%)
- Blue (50%)



- Cyan (8%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (45%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2437, 29.5728, 20.2972 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 25.2437, 29.5728, 20.2972 by changing the saturation by 10% instead.

■ 25.2437, 29.5728,
20.2972

■ 25.2437, 29.5728,
20.2972

271.3747,
299.9081, 266.1768

■ 16.3884, 19.5146,
12.4250

■ 51.4924, 58.9859,
44.7804

■ 9.8920, 12.0427,
6.9078

■ 69.6164, 79.1096,
62.2285

■ 5.3891, 6.7727,
3.3269

■ 91.5608, 103.3572,
83.7057

■ 2.5144, 3.3204,
1.2639

■ 117.6908,
132.1131, 109.6306

■ 0.9025, 1.3012,
0.0319

148.3719,
165.7618, 140.4215

■ 0.0000, 0.1421,
0.0000

183.9693,

■ 0.0000, 0.0000,

204.6876, 176.4972

0.0000

224.8485,
249.2749, 218.2761

■ 25.2437, 29.5728,
20.2972

■ 25.2437, 29.5728,
20.2972

■ 23.6052, 28.8214,
16.0485

■ 27.0693, 30.4057,
25.3164

■ 22.1437, 28.1443,
12.5302

■ 29.0870, 31.3190,
31.1396

■ 20.8516, 27.5395,
9.7015

■ 31.3044, 32.3170,
37.8009

■ 19.7197, 27.0031,
7.5169

■ 33.7279, 33.4022,
45.3316

■ 18.7377, 26.5311,
5.9251

■ 36.3637, 34.5771,
53.7615

■ 17.8938, 26.1186,
4.8675

■ 39.2177, 35.8442,
63.1191

■ 17.1726, 25.7594,
4.2651

■ 42.2954, 37.2058,
73.4315

■ 16.8705, 25.6080,
4.0537

■ 45.6023, 38.6640,
84.7246

■ 49.1437, 40.2211,
97.0236

Harmonies

Analogous

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



27.9429, 29.5728, 18.5805



25.2437, 29.5728, 20.2972



23.4212, 29.5728, 25.1156

Triad

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



25.2437, 29.5728, 20.2972



25.5114, 29.5728, 48.6509



34.1435, 29.5728, 31.7283

Complementary

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



25.2437, 29.5728, 20.2972



20.5206, 18.8473, 32.6949

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.



33.3818, 29.5728, 40.5045



25.2437, 29.5728, 20.2972



28.2738, 29.5728, 51.2373

Square

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



25.2437, 29.5728, 20.2972



23.5680, 29.5728, 41.4683



31.1813, 29.5728, 48.0297



33.1967, 29.5728, 24.4267

Rectangle

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



25.2437, 29.5728, 20.2972



22.8791, 29.5728, 29.9136



31.1813, 29.5728, 48.0297



34.0785, 29.5728, 34.5996

Sweetspot

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



25.2445, 29.5741, 20.2978



51.0907, 55.6351, 52.8391



23.7646, 23.1669, 19.1391



11.1671, 12.2331, 11.3354



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.



25.2445, 29.5741, 20.2978



43.3720, 52.1195, 31.5318



22.2447, 28.0277, 20.1574



6.5087, 7.1197, 6.6370



13.9787, 21.1822, 3.3518



0.2471, 0.3363, 0.0519

Inverse Universe

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



20.5206, 18.8473, 32.6949



33.3380, 29.3274, 57.8756



23.7113, 20.4922, 32.8443



6.0689, 6.1214, 7.7907



5.9133, 2.4995, 25.0785



0.1243, 0.0558, 0.3766

Previews

White Background



This preview shows how the XYZ color 25.2437, 29.5728, 20.2972 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 25.2437, 29.5728, 20.2972 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

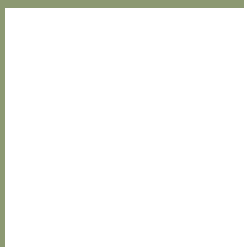
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2437, 29.5728, 20.2972

Background



This preview shows how black text looks on a background with the XYZ color 25.2437, 29.5728, 20.2972.



This preview shows how white text looks on a background with the XYZ color 25.2437, 29.5728,

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

25.2437, 29.5728, 20.2972

Protanopia

27.6151, 29.6188, 19.5908

Deuteranopia

30.0590, 29.4912, 20.6311



Tritanopia

28.5458, 29.4816, 36.9869

Trichromacy



Original Color

25.2437, 29.5728, 20.2972

Protanomaly

26.6495, 29.5843, 19.9285

Deuteranomaly

28.0713, 29.3726, 20.4096

Tritanomaly

27.2070, 29.4074, 30.2288

Monochromacy



Original Color

25.2437, 29.5728, 20.2972

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.2207, 28.7407, 26.7198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2437, 29.5728, 20.2972 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(140, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(140, 153, 114)  
}
```

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(140, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 153, 114) }
```

Border

The CSS property to change the border of an element to XYZ 25.2437, 29.5728, 20.2972 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(140, 153, 114) }
```


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

```
.border{ border-color:rgb(140, 153, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 153, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(140, 153,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2437, 29.5728, 20.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 153, 114) }
```

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

```
.background{ background-color: rgb(140,  
153, 114) }
```

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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